Elementary Mathematics

FCAT

Daily Questions
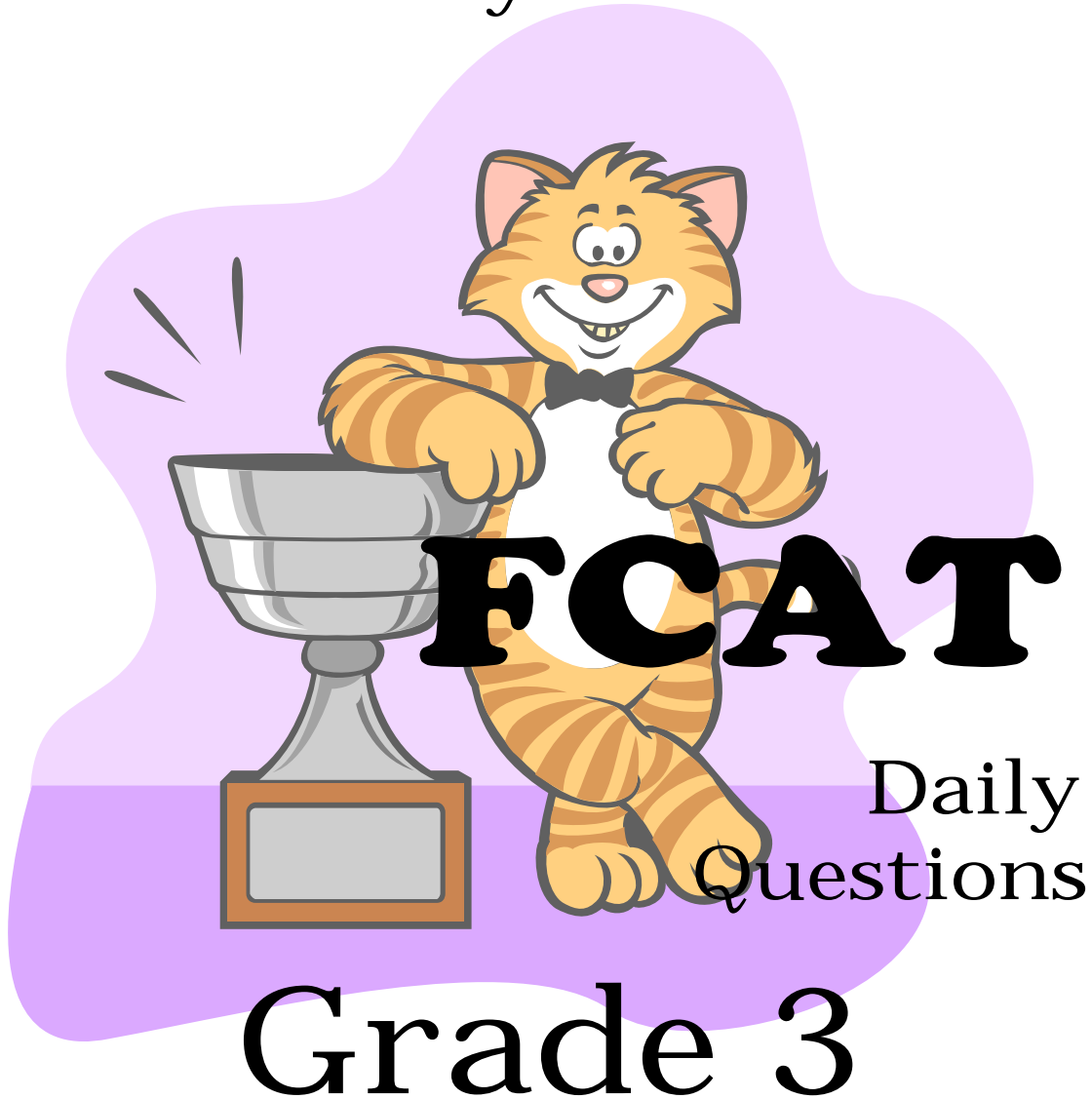
Grade 3

School Board of Broward County, Florida

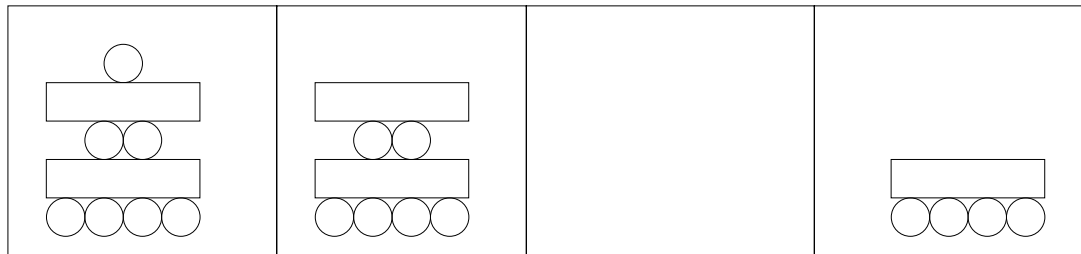# Grade 3 • Mathematics Review Day 1

1. Mrs. Olivera planted a vegetable garden. There are five tomato plants in each row. There are three rows. How many tomato plants are there?

2. About how much would the real object shown below weigh?

    A.   1 kilogram
    B.   2 grams
    C.   10 kilograms
    D.   30 grams

3. Which picture completes the pattern?
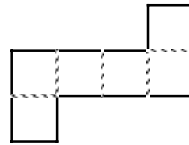
    A.

    B.

    C.

    D.

Grade 3 • Mathematics Review Day 2

1. Last Saturday Sunye swam for 45 minutes. Her friend Jenny swam for ten minutes more. How many minutes did Jenny swim?

    A   25
    B.   35
    C.   45
    D.   55

2. Imagine folding this shape along the dotted lines. Which space figure would it make?

    A.   Tetrahedron
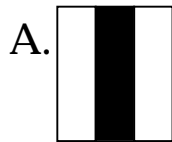   B.   Cylinder
    C.   Pyramid
    D.   Cube

3. Kim has 5 fish. Kyle has 4 times as many fish as Kim. How many fish does Kyle have?

    A.   4
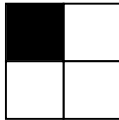   B.   7
    C.   12
    D.   20

Grade 3 • Mathematics Review Day 3

1. 374 students went to the school book fair on Monday. 269 students went on Tuesday. How many more students went to the book fair on Monday than on Tuesday?
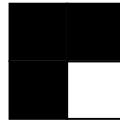
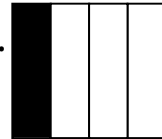2. Which shape shows $\frac{3}{4}$ shaded?

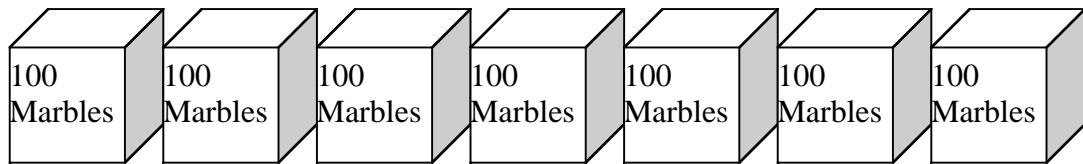   A. [figure]   B. [figure]   C. [figure]   D. [figure]

3. On Monday two students took the first ferry to Jupiter Island. Four students were on the second ferry. Six students were on the third ferry and eight were on the fourth ferry. If the pattern continues how many students will be on the fifth ferry?
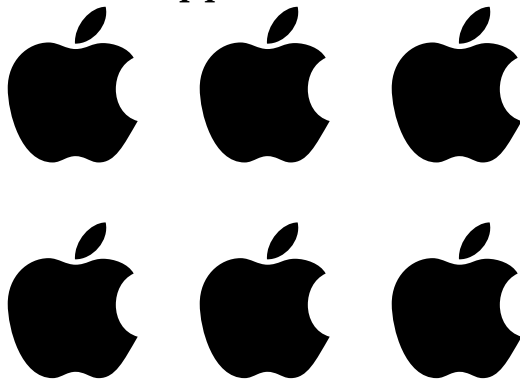
Ferry Students

1	2
2	4
3	6
4	8
5	?

1. There are 10 meatballs in each of 7 bowls. How many meatballs in all?

2. How many marbles in all?

| 100 Marbles | 100 Marbles | 100 Marbles | 100 Marbles | 100 Marbles | 100 Marbles | 100 Marbles |

    A.   760
    B.   700
    C.   607
    D.   76

3. Monica has 6 apples.

    Stan has two times as many apples as Monica. How many apples does Stan have?

    A.   62
    B.   16
    C.   12
    D.   7

1. You have the amount of money shown below. Which item can you buy? Estimate.

🏈	44 ¢
⚪	51 ¢
🚗	75 ¢
💍	28 ¢
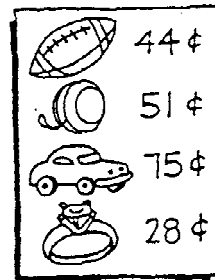
I can buy a_____for_____cents.

Explain your answer.

2.

Lemonades Sold

	Team 1	Team 2	Team 3	Team 4
Week 1	14	23	17	29
Week 2	25	17	22	24

Mark the sentence that uses the >, <, or = symbol correctly.

A. On Week 2, the number of Lemonades sold by Team 2 was < the number sold by Team 1.
B. On Week 1, the number of Lemonades sold by Team 2 was < the number sold by Team 1.
C. On Week 1, the number of Lemonades sold by Team 3 was > the number sold by Team 4.
D. On Week 2, the number of Lemonades sold by Team 4 was = the number sold by Team 3.

1.   Julio made up this table.

IN	9	10	11	12	13	14
OUT	6	7	8			

Find the rule for the next number in the pattern.

A.   Add 6
B.   Subtract 3
C.   Multiply by 3
D.   Multiply by 3 and subtract 1

2.   I borrowed 2 boxes of markers from my best friend.
There were 8 markers in each box. How many markers
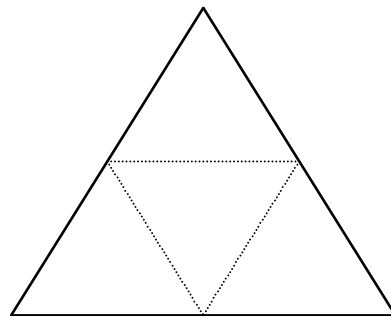do I have?

1.   About how much would the real object hold?

        A.   1 ounce
        B.   1 pint
        C.   5 gallons
        D.   10 gallons

2.   Imagine folding this shape along the dotted lines.
       Which space figure would you make?

        A.   Rectangular prism
   B.   Cylinder
        C.   Tetrahedron
        D.   Cube

3.   There are 104 hamsters and 215 birds in the zoo.
       Compare the number of hamsters to birds using >, < or

       _____   ⬜ _____
          hamsters   birds

Grade 3 • Mathematics Review Day 8 (Gridded Response)

1. On Saturday morning, 70 people visited the Science Fair. In the afternoon, 94 people visited the Science Fair. In the evening, 28 people visited.
   How many people visited the Science Fair that day?

2. Jake has 5 weights. One weight has been placed on the scale. Draw pictures to show how he can balance the scale by placing all of the other weights on the scale.

   1 kg   3 kg   3 kg   4 kg   3 kg
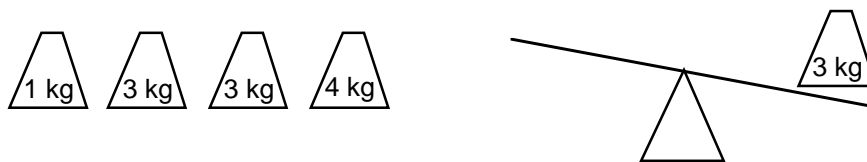
   When the scale is balanced how many kilograms will be on each side of the scale?

3. **Donuts**

Number of Donuts	1	2	3	4	5
Price	$ .40	$.80	$1.20		

If the pattern continues, how much will 5 donuts cost?

1. What number is shown?
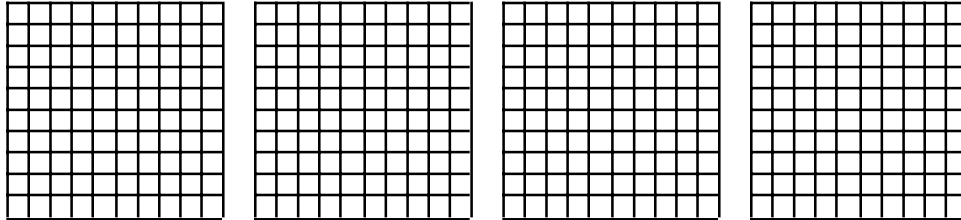
    A.   4
    B.   40
    C.   100
    D.   400

2. Danny has 24 pictures. He can arrange them in several different ways. Complete this chart to help him decide how to arrange the pictures.

Rows	Columns	Total
1	24	24
2	?	24
3	8	24
6	4	24
8	3	24
24	1	24

    A.   3
    B.   6
    C.   12
    D.   18

3. The students built a rectangular cage for the hamsters. The cage is 3 ft. wide and 5 ft. long. What is the perimeter of the cage? (Perimeter is the distance around the figure.)

1.   The floor plan of a patio is shown below.
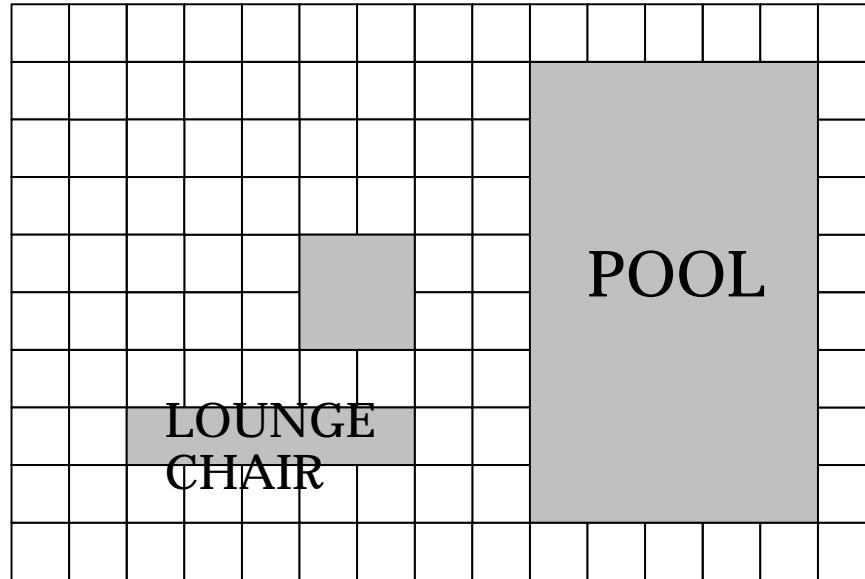
Area = length x width

On the grid, draw a shape that has an area that is greater than the area of the table, but less than the area of the pool.

What is the area of your shape?

Grade 3 • Mathematics Review Day 11

1.   Find the pattern. Write the time for the last clock.

Explain your answer.
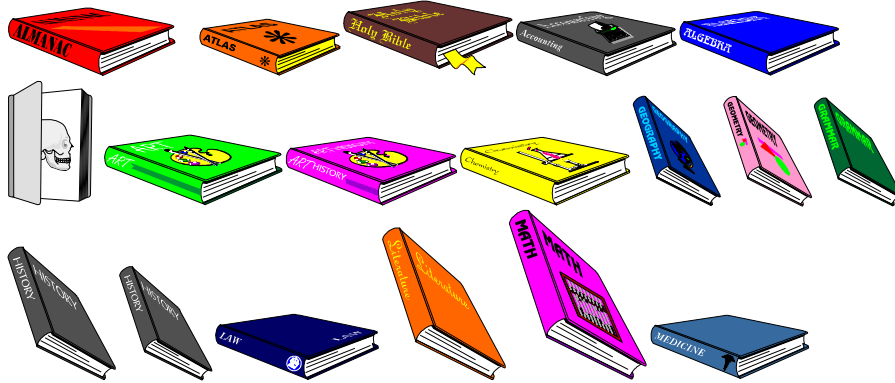
2.   These models form a pattern.
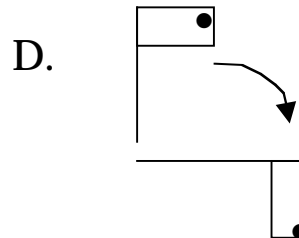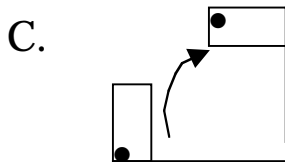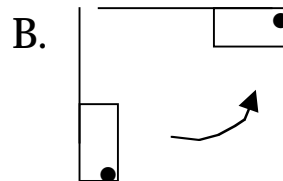

Which model comes next?

A.   B.   C.   D.

1. Mr. Jackson has 18 books. What are **2 different ways** he can stack them in **equal groups**?

   A. 2 groups of 9 and 3 groups of 6
   B. 2 groups of 9 and 3 groups of 4
   C. 8 groups of 2 and 5 groups of 3
   D. 6 groups of 3 and 2 groups of 8

2. Which pair of figures is an example of a turn?

   A.

   B.

   C.

   D.
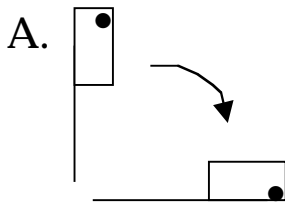
3. Which sentence is true?
   A. 2,709 > 2,981
   B. 3,145 = 3,246
   C. 1,161 < 1,729
   D. 987 < 932
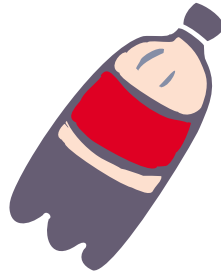
1. Order these fractions from least to greatest.

$$\frac{1}{2} \quad \frac{1}{8} \quad \frac{1}{4}$$

2. How much will this soda bottle hold?

   B. 1 liter
   B. 5 liters
   B. 10 liters
   B. 20 liters

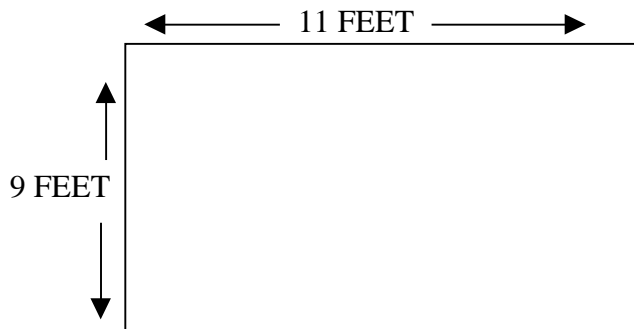3. Study this pattern.

   Éϕϕ∝∝Éϕϕ∝∝Éϕϕ

   Which symbol comes next?
   A. É
   B. ϕ
   C. ∝
   D. ∂

1. Joshua saves the same amount each week. What pattern completes the table?

Week	Amount of Savings
1	8
2	16
3	
4	
5	

A. $24, $32, $40
B. $18, $28, $38
C. $28, $56, $112
D. $16, $16, $16

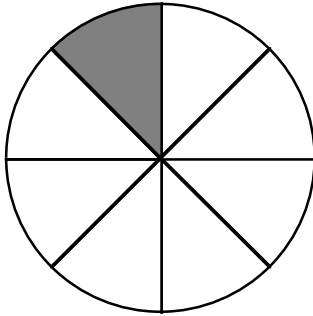3. Find the perimeter of this rock garden. (Perimeter is the distance around the figure.)

4. Some turtles and lizards are swimming in the lake. There are 20 animals. There are four fewer turtles than lizards. How many turtles are there in the lake?
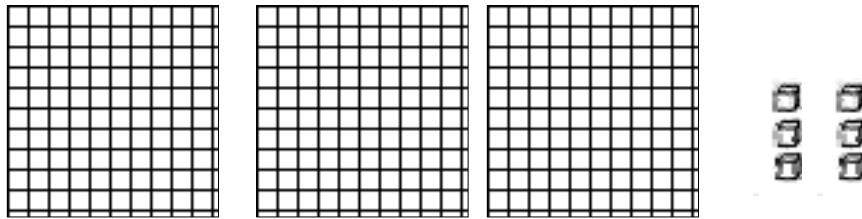
Grade 3 • Mathematics Review Day 15

1. Find the fraction that shows the shaded part.

   A. $\dfrac{1}{2}$ B. $\dfrac{1}{4}$ C. $\dfrac{1}{6}$ D. $\dfrac{1}{8}$

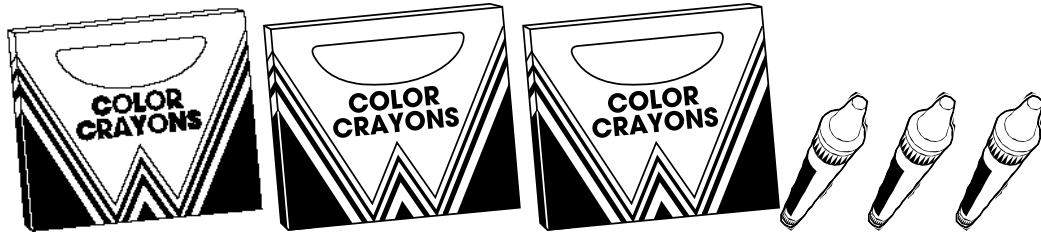2. Choose the number shown by these blocks

   A.   36
   B.   306
   C.   360
   D.   362

3. The school nurse wants to find the average weight of all 3rd graders. She uses the average weight from the three 3rd grade classes, which are 55 lbs., 57 lbs., and 59 lbs. What is the average third graders' weight based on these numbers?
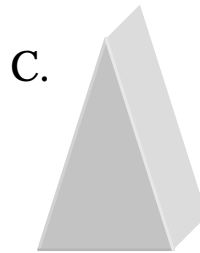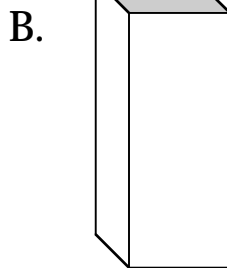
1. Each box holds 10 crayons. How many crayons in all?

A. 60
B. 33
C. 30
D. 6

2. Use the clues to circle the correct geometric solid below.
I have six faces and eight corners
All of my faces are not the same size.
Circle the correct shape.

A.   B.   C.   D.
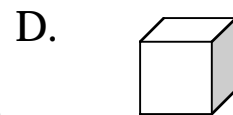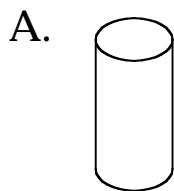
I circled the _____.

1. There are 254 students in line for the Museum of Science. All but 50 want to see the new animal exhibit. Which equation shows how many wanted to see the animal exhibit?

    A. $254 + 50 = N$
    B. $50 - 254 = N$
    C. $50 + 254 = N$
    D. $254 - 50 = N$

2. Jose ate $\frac{1}{2}$ of a cherry pie. Juanita ate $\frac{1}{3}$ of an apple pie.

    A. Which person ate the larger piece?
    B. Draw a picture to explain your answer.

3. Choose the number shown by these blocks.

    A.   36
    B.   306
    C.   316
    D.   336

Grade 3 • Mathematics Review Day 18
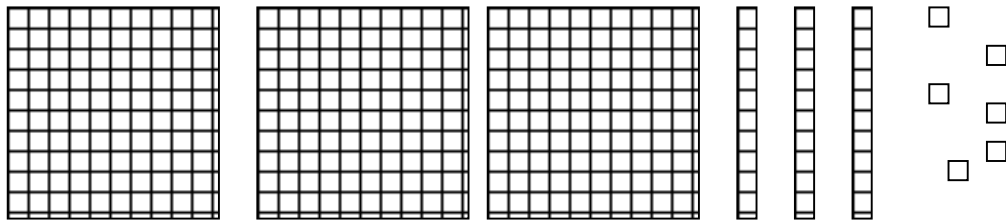
1. One line of symmetry of the equilateral triangle is shown. How many more lines of symmetry does the triangle have?
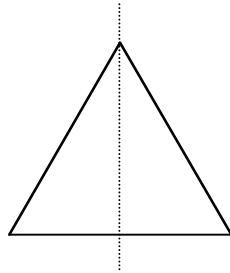
2. Which multiplication and division sentence matches this arrangement?

fififi   fififi   fififi   fififi
fififi   fififi   fififi   fififi

A.   24 ÷ 6 = 6   24 ÷ 4 = 4
B.   24 ÷ 24 = 1   6 x 4 = 18
C.   4 x 6 = 24   6 x 6 = 24
D.   4 x 6 = 24   24 ÷ 4 = 6

3. Choose the number sentence you should use to solve this problem.

There are 5 party hats in a package. How many packages should you buy to get 25 hats?

A.   25 ÷ 5 = 5
B.   20 x 5 = 100
C.   20 + 5 = 25
D.   20 − 5 = 15

1.

Groups of 6

Number of Groups	Total Number
1	6
2	
3	
4	
5	

Which pattern completes this table?
A.   8, 10, 12, 14, 16
B.   12, 18, 24, 30
C.   8, 9, 10, 11
D.   9, 13, 18, 24, 31

2.   What is the ordered pair of Point S?
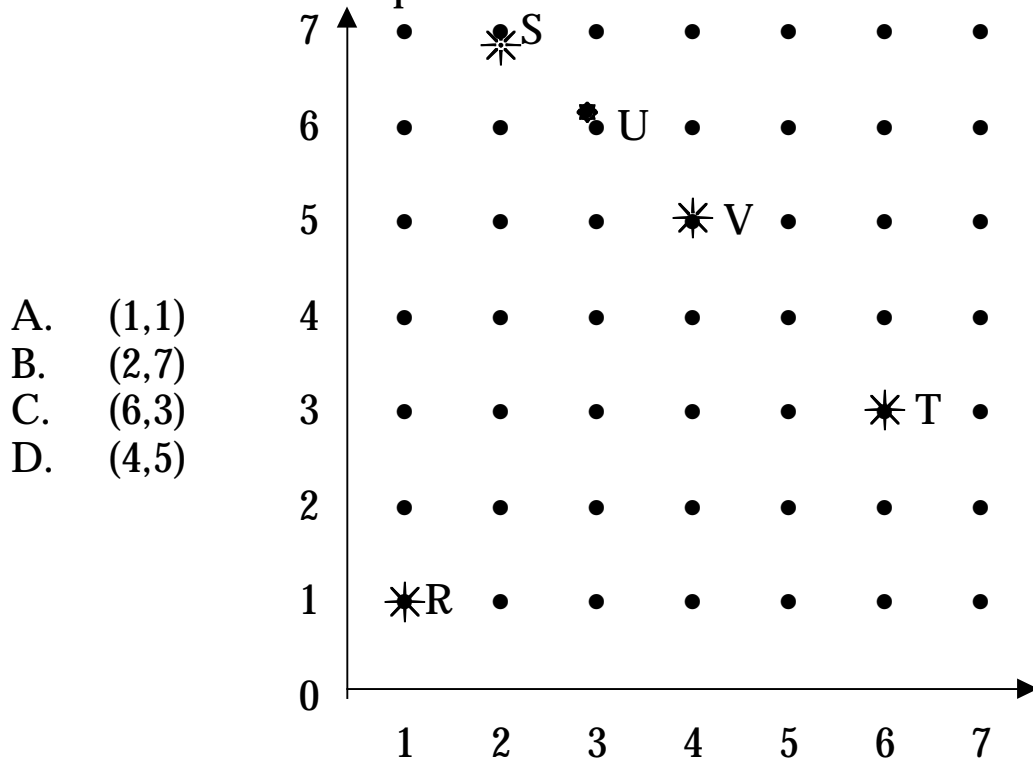
A.   (1,1)
B.   (2,7)
C.   (6,3)
D.   (4,5)

3.   To find the range of a set of numbers, subtract the least number from the greatest number. Find the range of the set of numbers shown below.

44   29   66   42   58

A.   47   B.   37   C.   14   D.   24

1. What number comes nest in the pattern?

   4   11   18   25   32   ____

   A. 33
   B. 35
   C. 39
   D. 49

2. Find the missing numbers:

47	37
97	
57	47
37	
67	57

The rule for this table is_____

Grade 3 • Mathematics Review Day 21

1. Look at the figures below. Which figure has a line of symmetry?
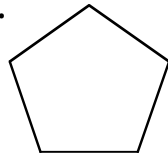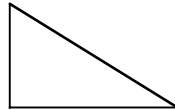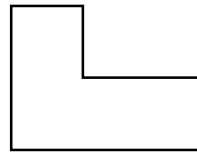
   A. B. C. D.
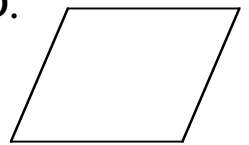
2. What is the ordered pair of Point A?
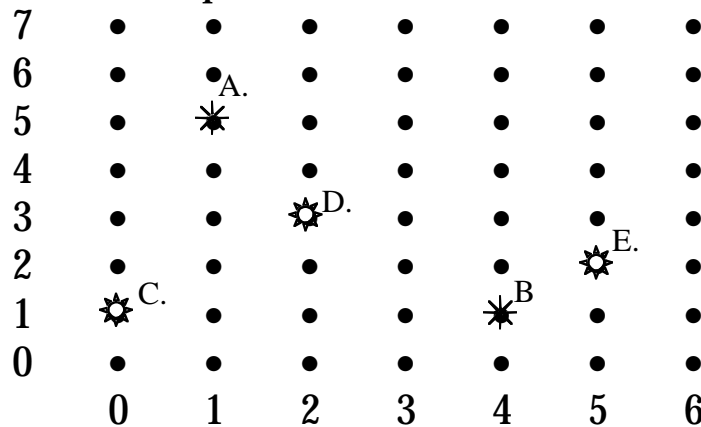
   A. (4,1)   B. (0,1)   C. (2,5)   D. (1,5)

3. Evelyn has a matching game that uses 36 cards. She can arrange the cards on the table in several different ways. Complete this chart to help her decide how to arrange the cards.

Card Arrangements

Rows	Columns	Total
2	18	36
3	12	36
4	9	36
6	6	36
?	3	36
36	1	36

1. For lunch Wednesday 42 people ate nachos, 39 people ate pizza, and 19 people ate hot dogs.
    How many people ate lunch Wednesday?

2. Find the number of units in the perimeter of this shape.
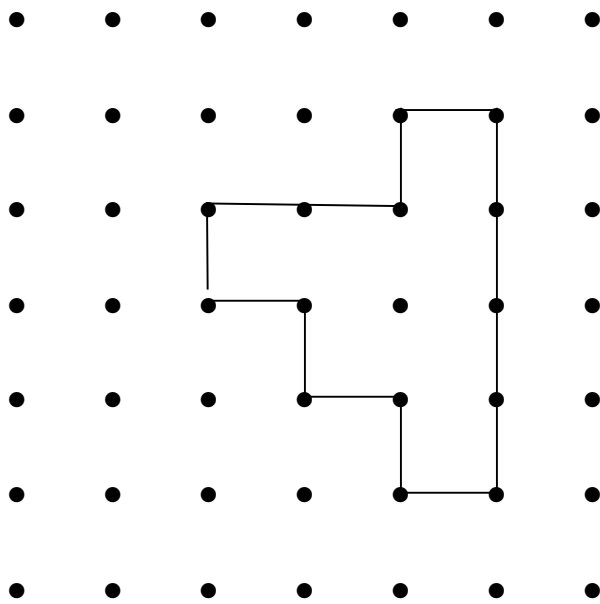
3. Look at the table of cookie prices

Cookies

Number Of Cookies	1	2	3	4	5
Price	$ .50	$1.00	$1.50		

If the pattern continues, how much will 5 cookies cost?

1. The perimeter of a square is 24 units.
   What is the area of the square?
   A. 6 square units
   B. 36 square units
   C. 46 square units
   D. 56 square units

2. Lisa ate $\frac{1}{2}$ an orange, Billy ate $\frac{2}{4}$ of an orange and Jillian ate $\frac{1}{4}$ of an orange.

   Which two students ate the same amount?

3. Which multiplication and division sentence matches this array?

   & &   & &   & &   & &   & &
   & &   & &   & &   & &   & &

   A. 5 x 4 = 20   20 ÷ 20 = 1
   B. 5 x 4 = 20   20 ÷ 5 = 4
   C. 20 ÷ 5 = 5   20 ÷ 4 = 4
   D. 5 x 4 = 20   4 x 5 = 20
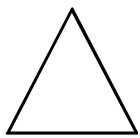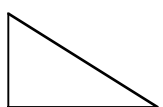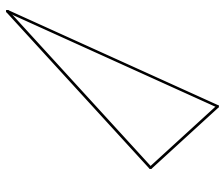
1. Which statement is true?

   A.   >

   $\dfrac{2}{3}$ > $\dfrac{3}{4}$

   B.   >

   $\dfrac{1}{3}$ > $\dfrac{4}{5}$

   C.   >

   $\dfrac{2}{3}$ > $\dfrac{7}{8}$

   D.   >

   $\dfrac{1}{3}$ > $\dfrac{3}{10}$

2. Which shape is similar to △ ?

   A.   B.   C.   D.

3. Megan has 3 markers. Her teacher Ms. Hutkowski, has 10 times as many markers as Megan. How many markers does Ms. Hutkowski have?

1.   About how much would the real object hold?

    A.   10 ounces
    B.   1 cup
    C.   1 gallon
    D.   10 gallons

2.   The lifeguard ordered 7 life preservers, 5 rafts, 3 sun visors, and 4 bottles of sunscreen. Complete the chart to show how many of each kind of beach equipment the lifeguard ordered.

Beach Equipment

Life Preservers	
Rafts	
Sun Visors	
Bottles of Sunscreen	

Grade 3 • Mathematics Review Day 26

1. A clown has 24 balloons. What are **2 different** ways she can tie them in **equal groups**?

   A. 2 groups of 12 and 6 groups of 4
   B. 6 groups of 2 and 2 groups of 11
   C. 10 groups of 2 and 4 groups of 5
   D. 2 groups of 9 and 3 groups of 6

2. Which statement is true?

   A. $\dfrac{3}{5}$ < $\dfrac{1}{2}$

   B. $\dfrac{3}{5}$ < $\dfrac{2}{3}$

   C. $\dfrac{3}{5}$ < $\dfrac{1}{4}$

   D. $\dfrac{3}{5}$ < $\dfrac{1}{5}$
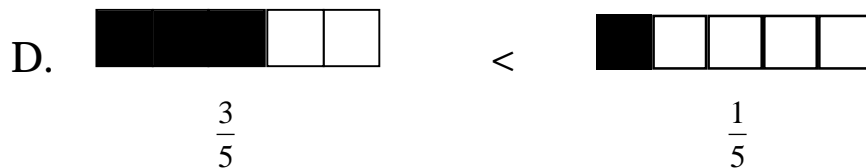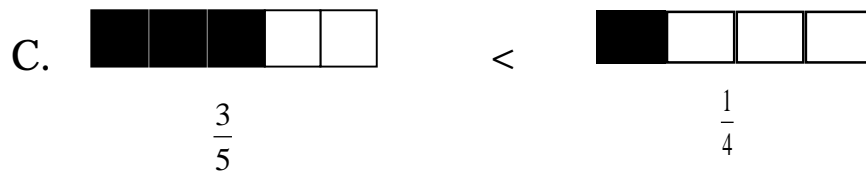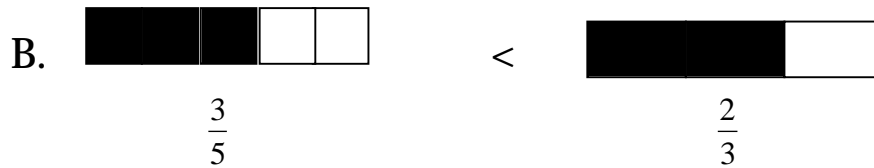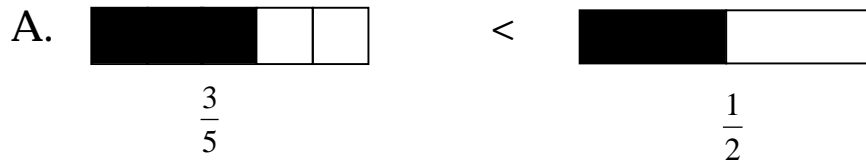
3. Which picture shows a slide?

   A.

   B.

   C.

   D.
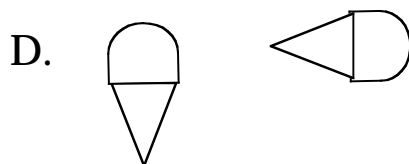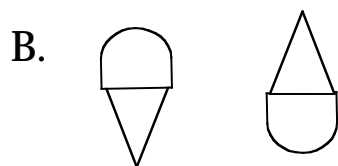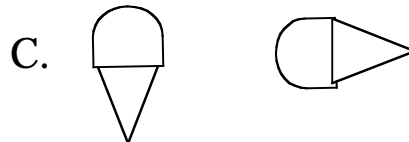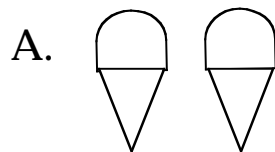
1.   Megan, Joshua and Sarah measured their heights. Joshua was taller than Sarah, Megan was taller than Joshua. Order their heights **from shortest to tallest.**

   A.   Joshua, Megan, Sarah
   B.   Sarah, Joshua, Megan
   C.   Joshua, Sarah, Megan
   D.   Megan, Joshua, Sarah

2.   If the first shape were folded in half, which shape would show one symmetrical part?

   Ⓐ   Ⓑ   Ⓒ   Ⓓ

3.   Norma drank $\frac{1}{8}$ cup of juice. Sidney drank $\frac{3}{8}$ cup. Which child drank the most?

1. Which fraction does not equal 1/2?

    A. $\frac{3}{6}$ B. $\frac{2}{4}$ C. $\frac{5}{10}$ D. $\frac{7}{8}$

2. Mary drew a small picture in art class. The picture is 10 inches wide and 12 inches long. What is the perimeter of the picture?

3. Look at the map. Which ordered pair tells where the school is located?

    A.   (1,4)
    B.   (2,4)
    C.   (3,4)
    D.   (4,2)
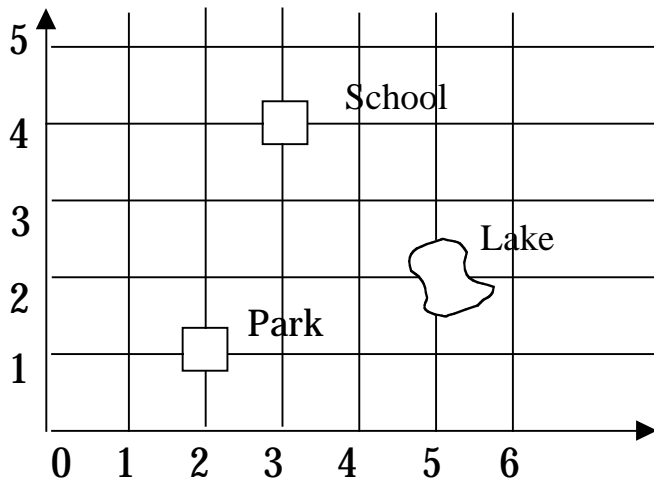
3. A cook is making sauce. One pot is $\frac{1}{2}$ full. The second pot is $\frac{2}{8}$ full and a third pot is $\frac{1}{4}$ full. Which pot has the most sauce?

Grade 3 • Mathematics Review Day 29

1. You have the amount of money shown. Which two items can you buy?
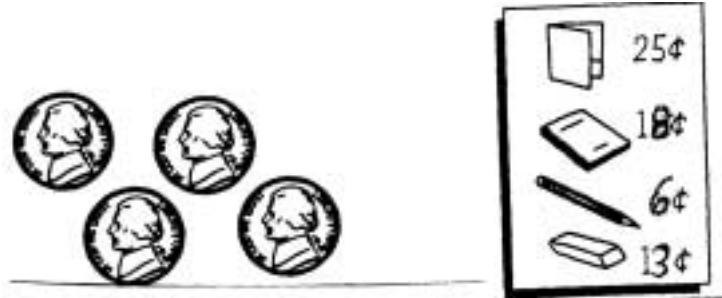
I can buy_____for _____cents.

2. Which spinner is least likely to land on black?

A.

B.

C.

D.
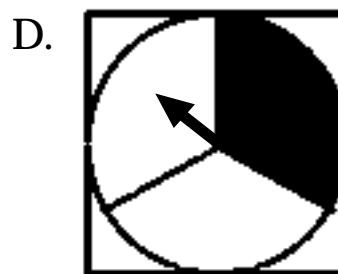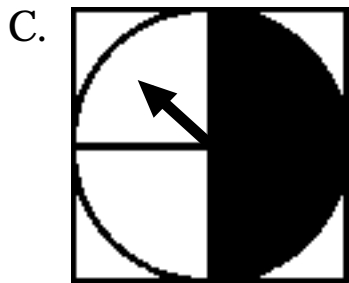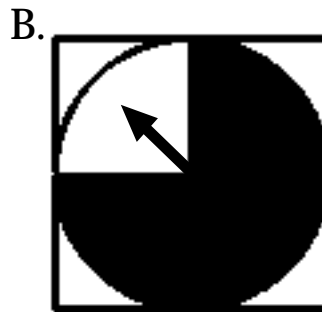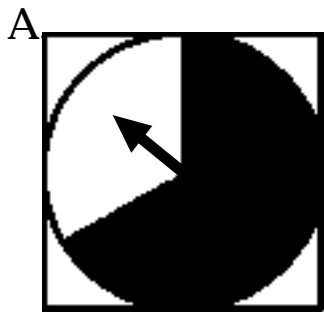
1.   Annie made up this table

IN	OUT
13	33
23	43
33	
43	63
3	23
53	

Complete the table and find the rule for the table.

1. Your class has 19 girls and 13 boys. Compare the girls to boys using <, >, or =.

2. Michael slid this figure and traced it.
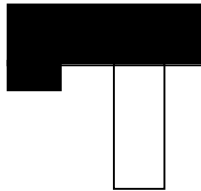
   Which of the following shows the figure after Michael slid it?

   A.   B.   C.   D.
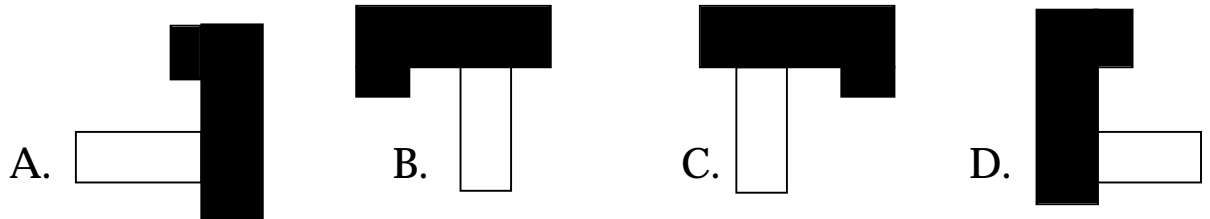
3. Talula is making a shape using three squares and one triangle.
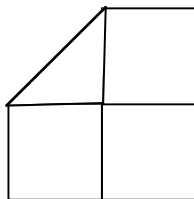
   She repeated the shape until she used 12 squares. How any shapes did she make?

1. My allowance is two and one-half dollars. This is the same as which amount?

    A. $2.05
    B. $2.10
    C. $2.50
    D. $5.02

2. This pictograph shows how many pets are at the veterinary hospital.

Pet	Pets at the Vet
Dogs	🐢🐢🐢🐢🐢🐢🐢
Cats	🐢🐢 🐢🐢
Snakes	🐢🐢🐢🐢
Birds	🐢
Hamsters	🐢 🐢

    Which question could you answer using this pictograph?

    A. How many fish at the vet?
    B. How many black dogs are at the vet?
    C. How many more snakes than hamsters?
    D. How many pets have been at the vet for only 2 days?

3. There are ten people in line at the movies. Jim is at the front of the line. There are 4 people between Jim and Evan. What is Evan's order in the line?

    A. Second
    B. Third
    C. Fifth
    D. Sixth

1. Helen spent $4.95 on a pair of soccer socks. She also bought new cleats for $19.95. How much did she spend in all?

2. Tanya has $2.00 Her aunt gave her $0.50 and she spent $0.30 on bubble gum. How much does she have now?

   A. $1.50
   B. $ 1.80
   C. $2.80
   D. $2.20

3. To find the range of a set of numbers, subtract the least number from the greatest number.

   Find the range of this set of numbers.

   34, 59, 31, 14, 47

   A. 45
   B. 35
   C. 33
   D. 13
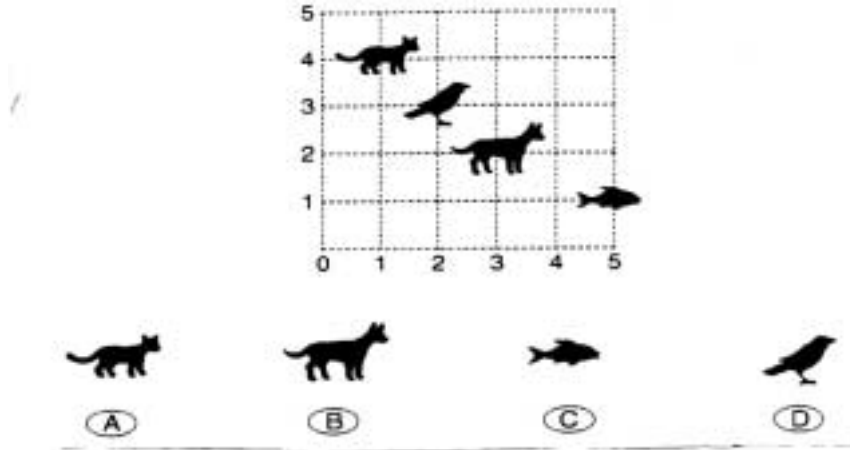
1. What is at (5,1) on the grid?

    (A)   (B)   (C)   (D)

2. Find the pattern. Write the time for the last clock.
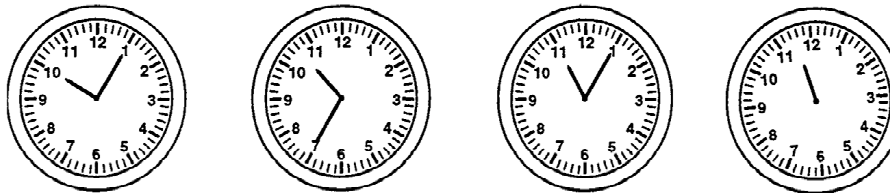
    Explain your answer.

1. Which tool would you use to measure water for a recipe?

    (A)   (B)   (C)   (D)
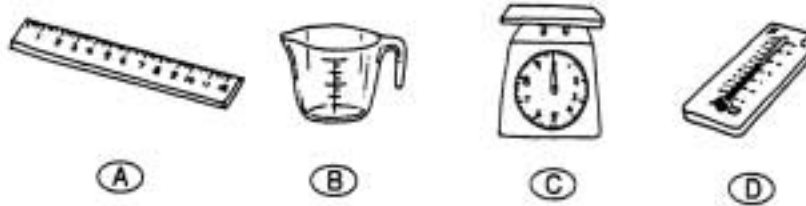
2. Draw three triangles on the dot paper below. Make two of the triangles congruent. Then circle the two triangles that are congruent.

    . . . .
    . . . .
    . . . .
    . . . .
    . . . .
    . . . .
    . . . .
    . . . .
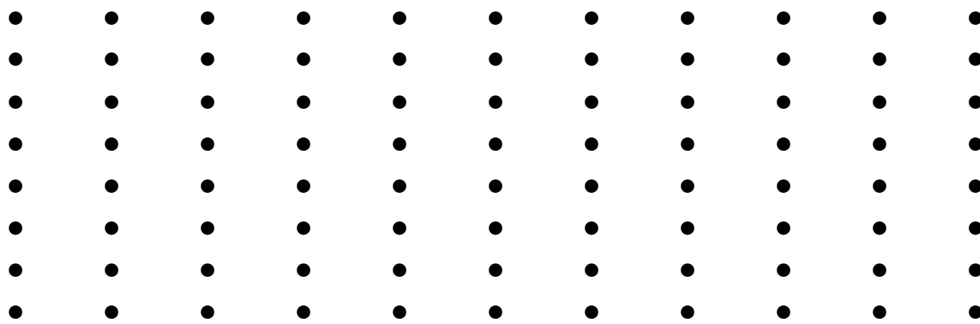
    In the space below, explain why the two triangles you circles are congruent. Then explain why the other one is not congruent.

1. Barry played basketball for 45 hours during January. Lawrence played basketball for 54 hours. Who played more basketball? How do you know? Explain you answer.

2. Kokey is sitting to the right of Alvin. Chris is between Sam and Pam. Mary is beside Alvin. Pam is at the far right. Who is on the far left?

    A.   Kokey
    B.   Mary
    C.   Alvin
    D.   Chris

1.   How much money do you have in all?

2.   The number of fans at a soccer game is 4 tens less than the number shown below.
      857
      How many fans were at the game?

3.   The Planet Star has three coins. Each coin has the following weight.

1 gram   2 grams   5 grams

      What will be the weight in grams of the following coins?

1.
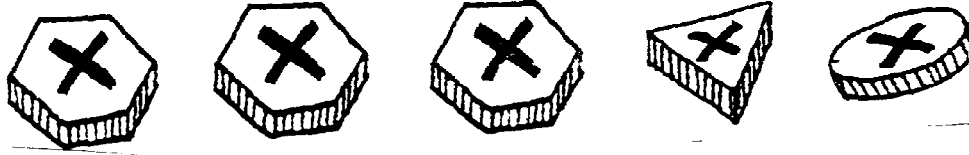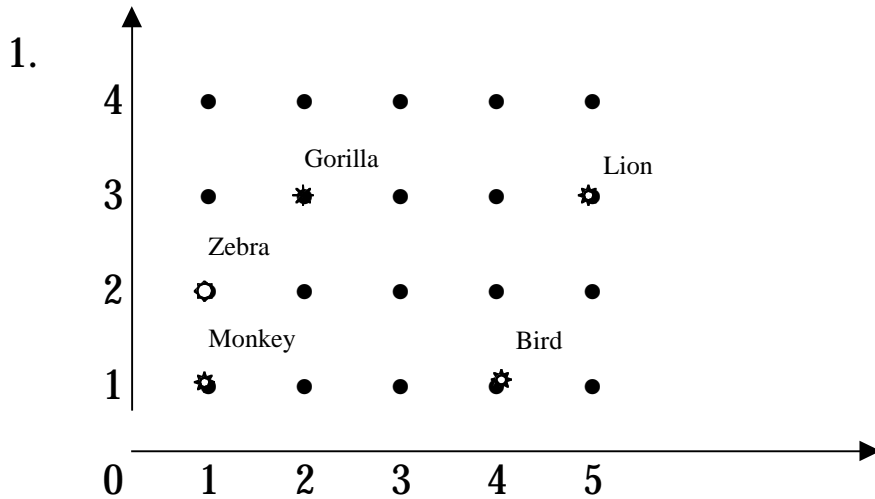
This grid shows where some animals are in the zoo.

Which animal is at (4,1)?
A.   Monkey
B.   Bird
C.   Zebra
D.   Lion

2.   ABOUT how much would the real object hold?

A.   10 ounces
B.   1 cup
C.   1 gallon
D.   10 gallons

3.   Sarah Beth started the week with 14 blue socks. On Thursday she had 9 blue socks. How many socks were lost?

1. Use the dots to draw a closed figure with four sides. Each side is two units long.
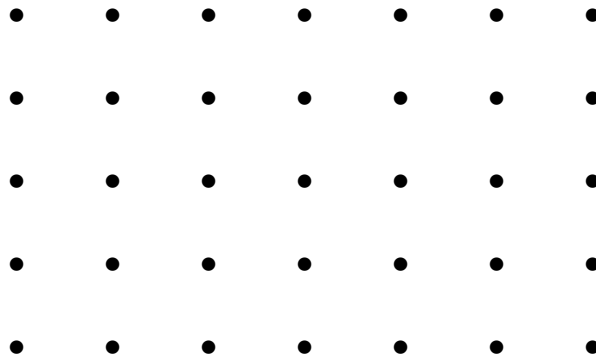
. . . .

. . . .

. . . .

. . . .

. . . .

I drew a:
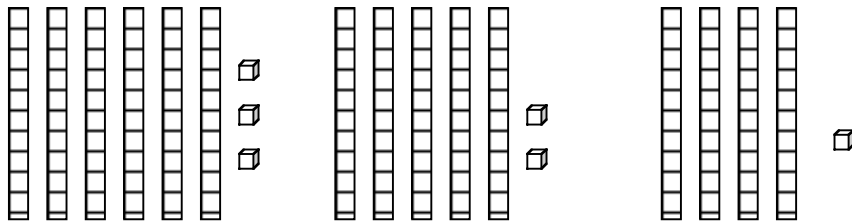
2. These models form a pattern.

Which model comes next?

A.   B.   C.   D.

1.   Find the number of units in the perimeter of this shape.

```
•   •   •   •   •   •   •

  •   •   •   •   •   •   •

  •   •   •   •   •   •   •

  •   •   •   •   •   •   •

  •   •   •   •   •   •   •
```
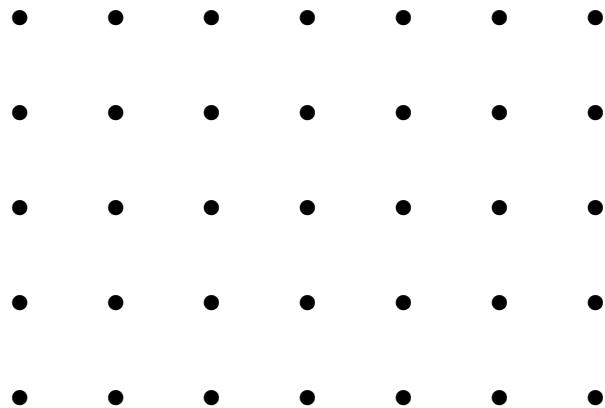
2.   Each pitcher is filled with 2 quarts of lemonade. Mary Faye
      wants to pour all the lemonade into full gallon containers.
      How any gallon containers will she need?
      (4 quarts = 1 gallon)
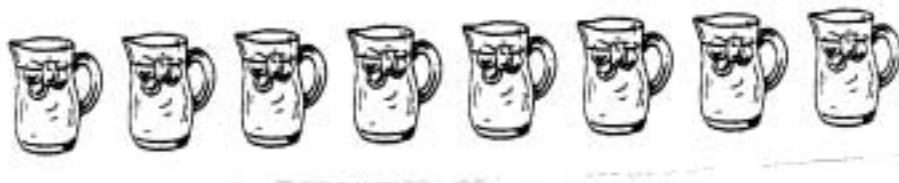
3.   Look at the table of muffin prices.

Muffins

Number of Muffins	1	2	3	4	5
Price	$0.60	$1.20	$1.80		

If the pattern continues, how much will 5 muffins cost?

1. Fill in the missing numbers.

23	43
33	
3	23
53	
43	63

What is the rule?

Grade 3 • Mathematics Review Day 42

1. What is the ordered pair of Point S?

A.(1,1)
B.(3,6)
C.(6,3)
D.(4,5)
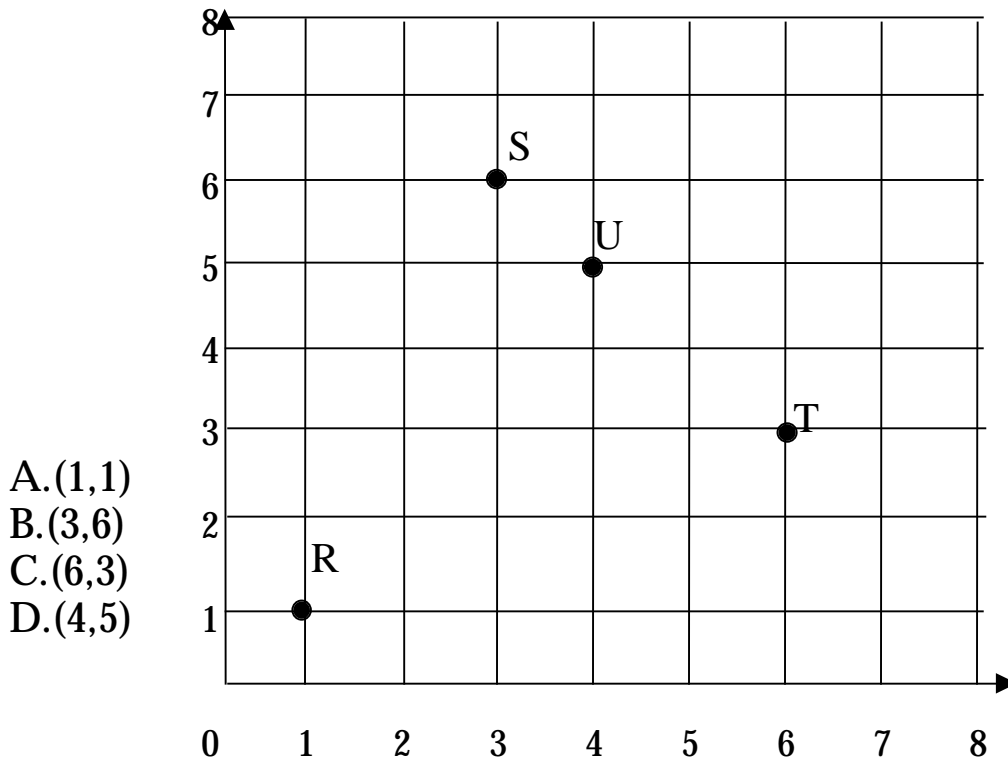
2. Third graders voted on their favorite pets. The chart shows the results of the vote.

Third Grade Votes

Fish	4
Dogs	26
Lizards	11
Hamsters	12
Rabbits	21
Cats	23

Shirley was absent when the vote was taken. Based on the data of the chart, what do you predict will be Shirley's favorite pet? Explain your answer.

1. Which tool would you use to measure the temperature?

Ⓐ   Ⓑ   Ⓒ   Ⓓ
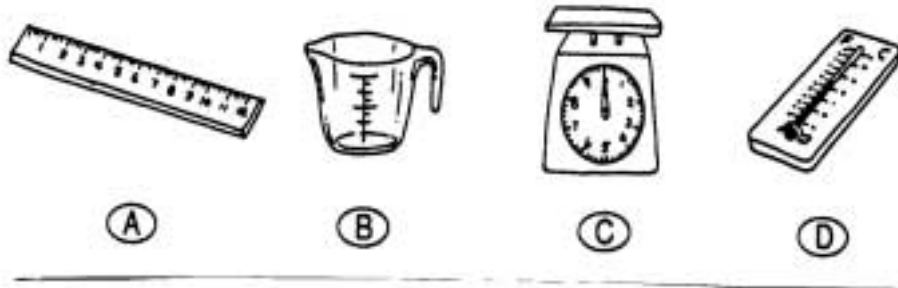
D.   This table shows how much money Mona will get for each can that she recycles.

Money Earned from Recycling

Number of Cans	1	2	3	4	5
Money Received	$0.06	$0.12	$0.18	$0.24	$0.30

Explain how the amount of money Mona receives changes as the number of cans she recycles changes.

1. What number is shown?
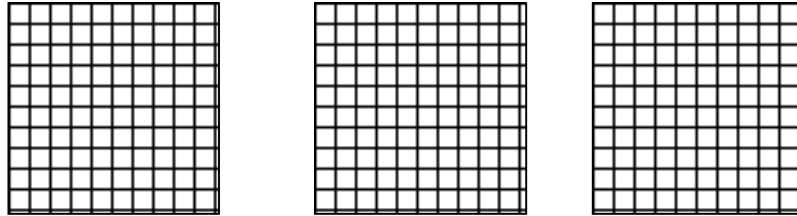
    A.   3
    B. 30
    C. 100
    D. 300

2. Look at the figures below. Which figure has a line of symmetry?
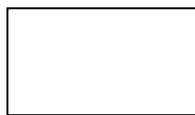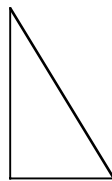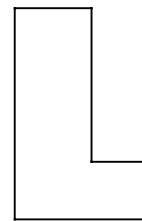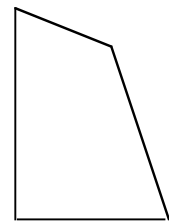
    A.   B.   C.   D.

3. Which multiplication and division sentence matches this arrangement?

    A. 18 ÷ 6 = 6   18 ÷ 3 = 3
    B. 18 ÷ 18 = 1   6 x 3 = 18
    C. 3 x 6 = 18   6 x 3 = 18
    D. 3 x 6 = 18   18 ÷ 3 = 6

1. Imagine folding this shape along the dotted lines.
    Which space figure would you make?

    A. Cone
    B. Cylinder
    C. Pyramid
    D. Cube
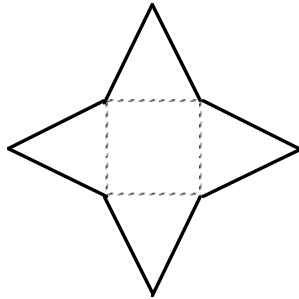
2. Curtis has $5.00 to spend. He wants to buy a rubber
    ball for $1.29, a pair of socks for $2.51, and a wristband
    for $1.19. ESTIMATE to find out if he has enough
    money for these items.

    Explain how you obtained your estimate.

Grade 3 • Mathematics Review Day 46 (Extended Response)

1. Byron made tally marks on a chart as he counted the change in his pockets.

Half Dollars	Quarters	Dimes	Nickels	Pennies
|||	||||	‖‖‖‖ |||	‖‖‖‖ ‖‖‖‖	|||

Does Byron have enough money to buy baseball cards that cost $4.95? If so, how much will he have left over? If not, how much more money does he need?

1. Look at the pattern. Draw the next 2 shapes if the pattern was extended.
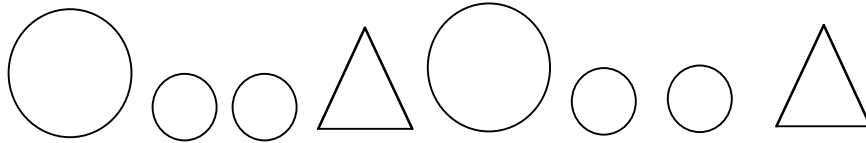
    Explain how you decided your answer.

2. Which spinner is most likely to land on black?

    A.

    B.

    C.

    D.
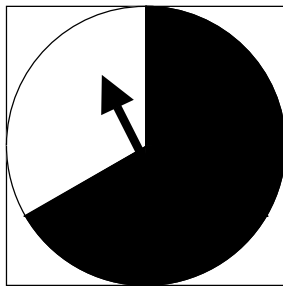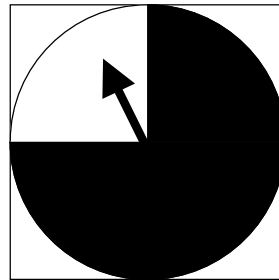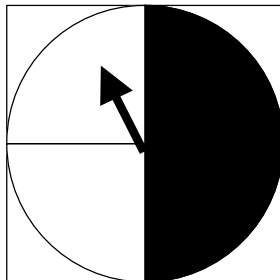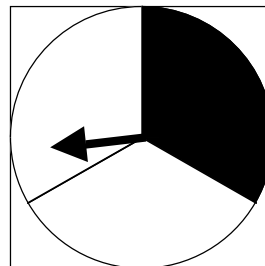
1. Mark the fraction that show the SHADED part of the group.
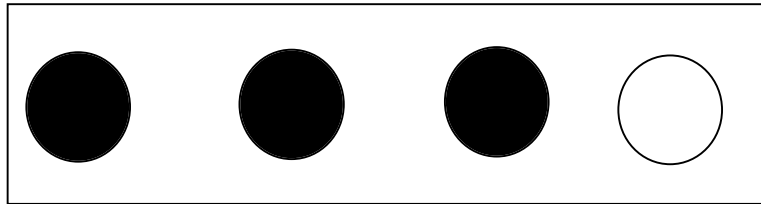
    A. $\dfrac{1}{4}$ B. $\dfrac{3}{4}$ C. $\dfrac{3}{5}$ D. $\dfrac{2}{3}$

2. A pet shelter cares for 8 dogs, 6 cats, 2 birds, and 1 hamster. Complete the chart using tally marks to show how many of each kind of pets the shelter cares for.

    PETS AT THE SHELTER

Dogs	
Cats	
Birds	
Hamsters	

1. Choose the number shown by these blocks.
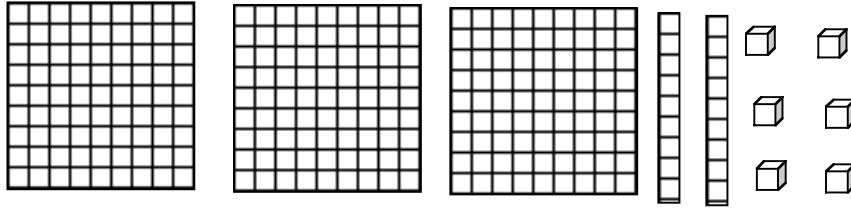
   A. 26   B. 306   C. 326   D. 362

2. What number comes next in the pattern?

   45,   39,   33,   27,   21,   _____

   A. 20   B. 27   C. 16   D. 15

3. Michael flipped this figure and traced it.
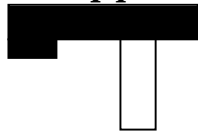
   Which of the following shows the figure after Michael flipped it?

   A.   B.   C.   D.
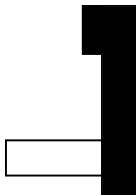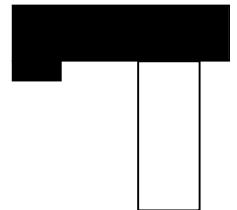
Grade 3 • Mathematics Review Day 50 (Gridded Response)

1.   How much money do you have in all?
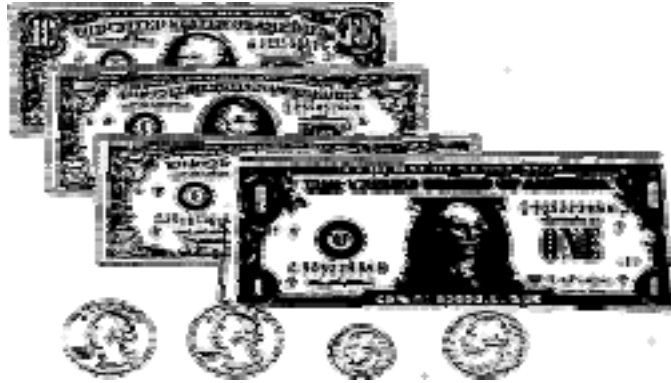
2.   Find the number of units in the perimeter of this shape.
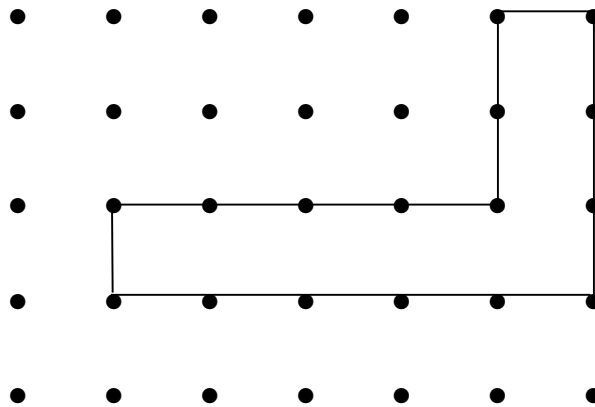
3.   Each pitcher is filled with 2 quarts of lemonade.
      Latisha wants to pour all the lemonade into full gallon
      containers. How many gallon containers will she need?
      (4 quarts = 1 gallon)

1. ABOUT how much would the real object hold?

   A. 1 ounce
   B. 2 pints
   C. 1 gallon
   D. 10 gallons

2. Last Saturday, Shiji swam for 25 minutes. Her friend Gwen swam for 10 more minutes. How many minutes did Gwen swim?

   A. 15
   B. 25
   C. 35
   D. 45

3. Drew has 18 pictures. He can arrange them in several different ways. Complete this chart to help him decide how to arrange the pictures.

Picture Arrangements

Rows	Columns	Total
1	18	18
2	?	18
3	6	18
6	3	18
9	2	18
18	1	18

A. 3   B. 6   C. 9   D. 18

1. Which shape shows $\frac{1}{3}$ shaded?

    A.
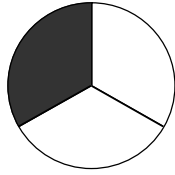
    B.
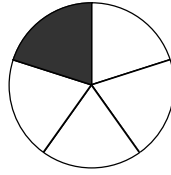
    C.
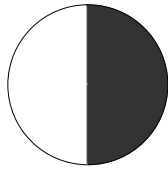
    D.
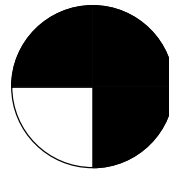
2. Carla has five weights. One weight has been placed on
    the scale. Draw pictures to show how she can balance
    the scale by placing all of the other weights on the scale.

    $$\left|\,5\,\right| \quad \left|\,3\,\right| \quad \left|\,4\,\right| \quad \left|\,2\,\right|$$

    $$\left|\,2\,\right|$$
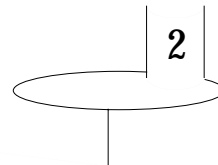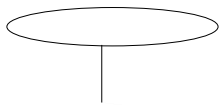
    When the scale is balanced, how many pounds will be
    on each side of the scale.

1. What temperature is it?

    A.   Seventy degrees Fahrenheit
    B.   Seventy degrees Celsius
    C.   Seventy decimeters Freight
    D.   Seventy decimeters Calculus

90°F
80°F
70°F
60°F
50°F
40°F
30°F
20°F
10°F
0°F
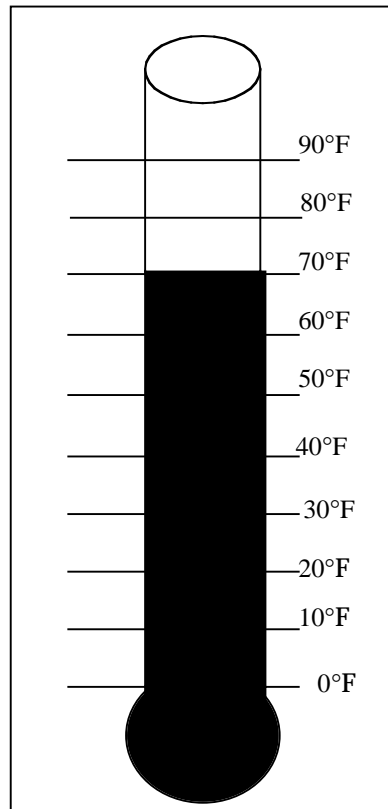
2.   This picture shows how much pizza was left after Amy's birthday. The amount left is shaded.
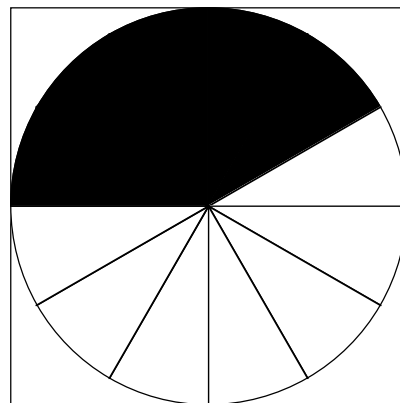
If 2 more pieces had been eaten, what fraction would be left?

1. How many marbles in all?

    | 100 Marbles | 100 Marbles | 100 Marbles | 100 Marbles | 100 Marbles | 100 Marbles |
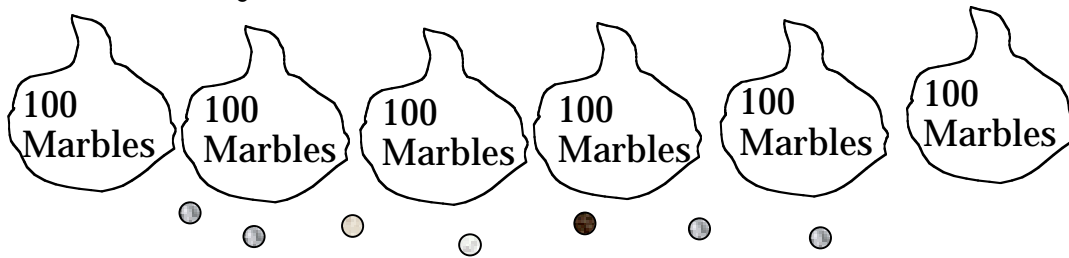
    A. 706   B. 760   C. 607   D. 67

2. Which of the figures would result from a flip of the figure below?

    A.   B.   C.   D.
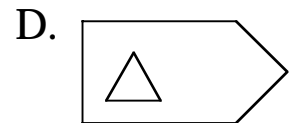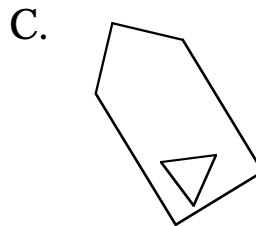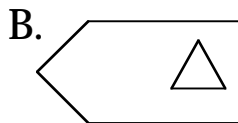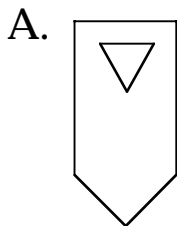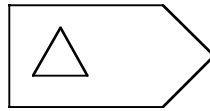
3. Mark the sentence that uses the <, >, = correctly.

    Pencils Sold

	Group 1	Group 2	Group 3	Group 4
Day 1	14	23	17	29
Day 2	25	17	22	24

    A. On Day 2, the number of pencils sold by Group 2 was < the number sold by Group 1.
    B. On Day 1, the number of pencils sold by Group 2 was < the number sold by Group 1.
    C. On Day 1, the number of pencils sold by Group 3 was > the number sold by Group 4.
    D. On Day 2, the number of pencils sold by Group 4 was = the number sold by Group 3.

1. Which shape shows 1/4 shaded?
    A.   B.   C.   D.
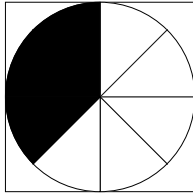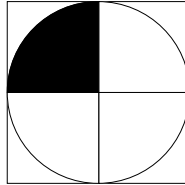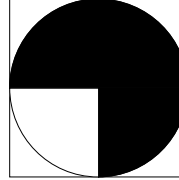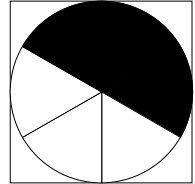
2. This table show how much money Mia will get for each can that she recycles.

Money Earned from Recycling

Number of Cans	1	2	3	4	5
Money Received	$0.07	$0.14	$0.21	$0.28	$0.35

Explain how the amount of money Mia receives changes as the number of cans she recycles changes.

1. What temperature is it?

   A. Fifty degrees Celcius
   B. Fifty-five degrees Fahrenheit
   C. Fifty decimeters Freight
   D. Fifty-five decimeters Calculus

90°F
80°F
70°F
60°F
50°F
40°F
30°F
20°F
10°F
0°F
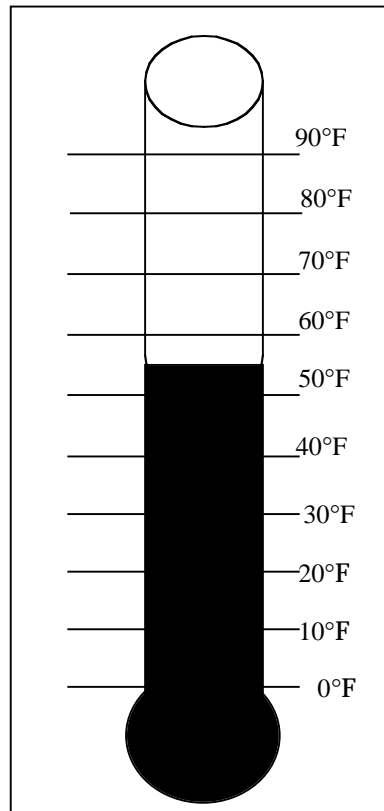
3. The table shows how many students play video games or jump rope.

Activity	Number of Students
Video Games	118
Jump Rope	76

What number is a reasonable ESTIMATE for the total number of students playing video games or jump rope?

My estimate is _____ students.

Explain you answer:

1. The Outdoors Club collected 19 pounds of paper and 12 pounds of cans. ABOUT how many pounds did the club collect?

   A.   7   B.   10   C.   20   D.   30

2. These models form a pattern.

   Which model comes next?

   A.   B.

   C.   D.

3. Michael made a coordinate grid of the streets in his neighborhood. Look at the grid below.
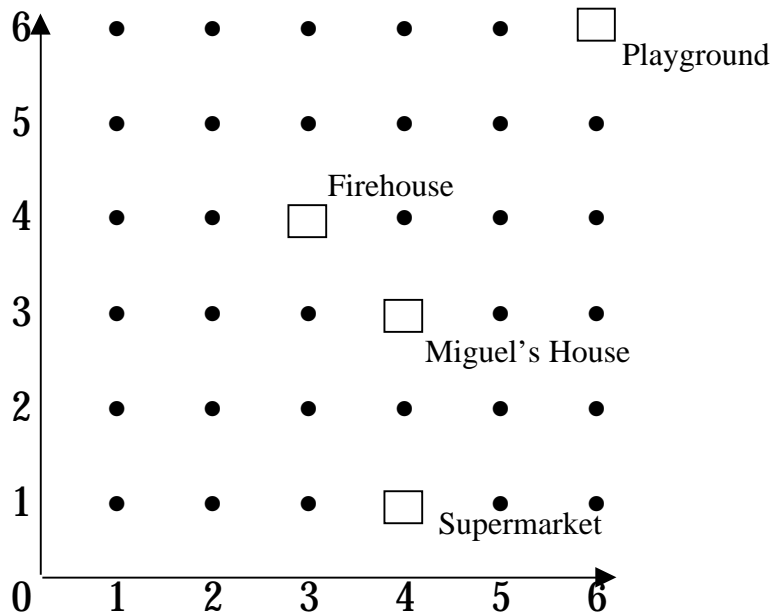
   Which place is located at point (4,3)

   A.   The firehouse   C.   The supermarket
   B.   Miguel's house   D.   The playground

1. Mark the fraction that shows the SHADED part of the group.
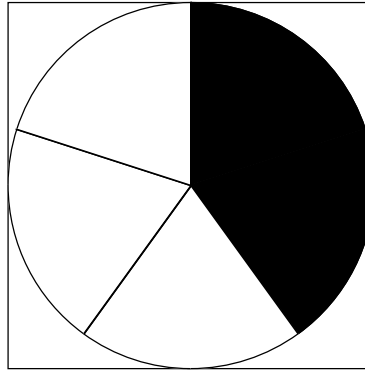
A. $\dfrac{2}{5}$ B. $\dfrac{2}{3}$ C. $\dfrac{3}{5}$ D. $\dfrac{2}{4}$

2. Based on the chart, how much faster can an elk run than a reindeer?

Animal	Top Speed in Kilometers per hour
Cheetah	112
Lion	80
Elk	72
Zebra	64
Rabbit	56
Reindeer	51

Show how you solved your problem.

1.   There are 300 pages in the book Carl must read. So far he has read 89 pages. How many more pages must he read?

A.   201
B.   211
C.   289
D.   389

2.   Write <, >, or = to make this sentence true. Explain how you got your answer.

721 – 436 ☐ **482 – 277**

1.   What number comes next in the pattern?

47,   41,   35,   29,   23,   [ ]

A.   20
B.   19
C.   18
D.   17

2.   Draw a closed figure that has 3 equal sides and 3 equal angles. Next to your figure, draw a figure that is congruent to the figure you drew.

Name the shapes you drew:

Explain why the shapes you drew are congruent.

1. How many rectangles are in this picture?
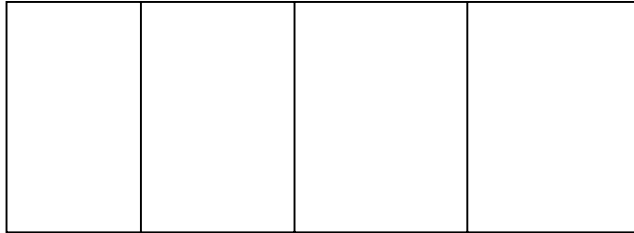
2. A phone book costs $2.35. A new pen costs $1.63. How much will both cost?

3. There are 612 fish in the tank at the aquarium. Of these, 389 are rainbow trout. How many are NOT trout?

1. Study how each pair of input and output numbers in this table.

Input	Output
60	20
30	10
12	4
6	2

What is the rule that shows how each input number changes to the output number?

2. Jackie made up this table.

In	4	5	6	7	10	11
Out	1	2	3			

Find the rule for the next number in the pattern.

A.   Add 6
B.   Subtract 3
C.   Multiply by 3
D.   Multiply by 3 and subtract 1

1.   Which has greater value?

    A.   2 dollars, 14 dimes, 5 pennies
    B.   3 dollars, 4 dimes, 6 pennies
    C.   4 dollars, 10 dimes, 11 pennies
    D.   5 dollars, 1 dime, 0 pennies

2.   On Tuesday and Wednesday the doctor treated 43 patients in all. On Tuesday she treated 28. How many patients were treated on Wednesday?

Grade 3 • Mathematics Review Day 64

1. The table below shows how many students attend two schools.

Name of School	Number of Students
Lakeside	79
Prairie View	119

What number is a reasonable estimate for the total number of students at both schools?

My estimate is ——————————.

Explain how you got your answer.

2. Mark the sentence that uses the >, <, or = symbol correctly.

Cans Collected				
	Group 1	Group 2	Group 3	Group 4
Day 1	28	15	35	12
Day 2	19	19	27	29

A. On Day 1, the number of cans collected by Group 2 was > the number collected by Group 1.
B. On Day 2, the number of cans collected by Group 4 was < the number collected by Group 3.
C. On Day 2, the number of cans collected by Group 1 was = the number collected by Group 4.
D. On Day 1, the number of cans collected by Group 4 was < the number collected by Group 2.

1. Look at the pairs of figures below. Which pair appears to be congruent?

A. B. C. D.
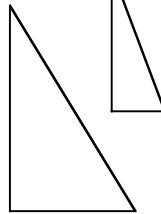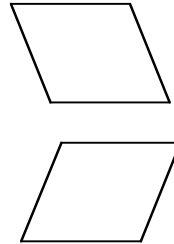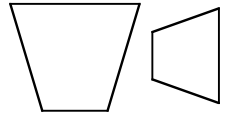
2. Find the pattern. Write the time for the last clock.

Explain your answer.

Grade 3 • Mathematics Review Day 66

1. Keri has 3 fish. Sam has 4 times as many fish as Keri. Which picture shows how many fish Sam has?

   A.

   B.

   C.

   D.
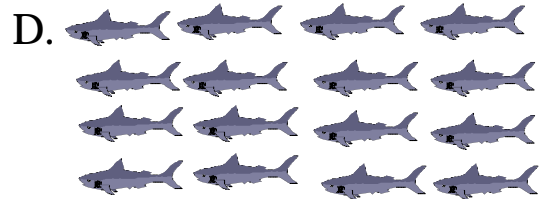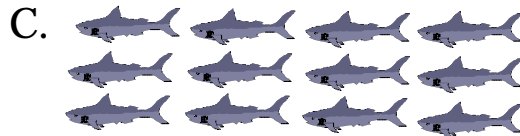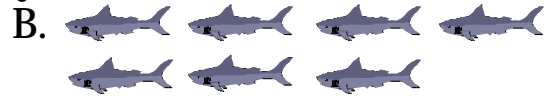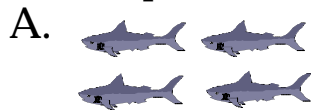
2. Choose the number sentence you should use to solve the following problem.
   There are 6 pens in each package. How many pens are there in 9 packages?

   A. 6 x 6 = 36
   B. 9 - 6 = 3
   C. 6 + 9 = 15
   D. 9 x 6 = 54

3. Jeffery saves the same amount each week. What pattern completes the table?

   Jeffery's Savings

Week	Amount of Savings
1	$7
2	$14
3	
4	
5	

   A. $21, $28, $35   C. $28, $56, $112
   B. $17, $24, $27   D. $14, $14, $14

1. Fill in the missing numbers :

34	54
44	
14	34
64	
54	74

The rule for this table is _____.

2. Which picture completes the pattern?

A.

B.

C.

D.
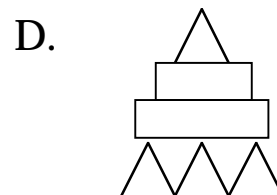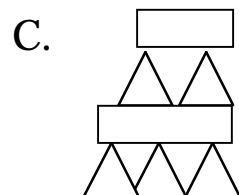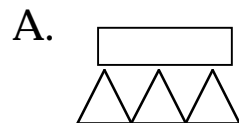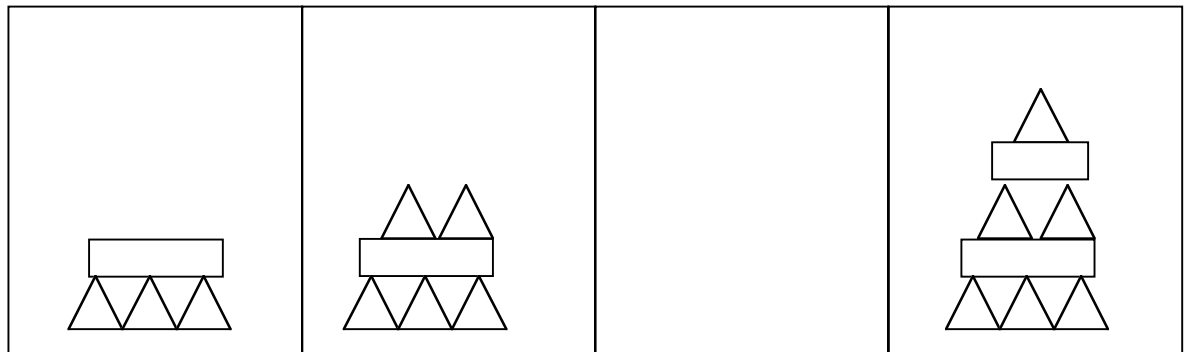
1.   What number is shown?
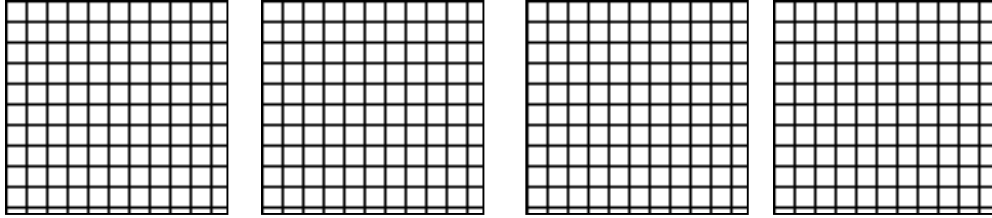
     A.   4
     B.   40
     C.   100
     D.   400

2.   Imagine spinning this spinner 50 times.
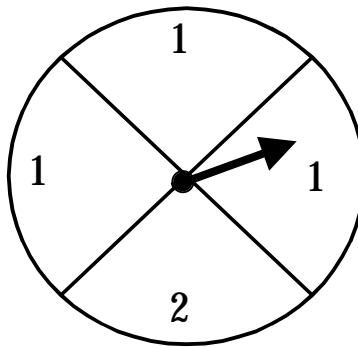
     Which number will the spinner point to most often?
     Explain your answer.

1. There are 15 days to Micaella's birthday. Then there are 27 more days until her sister's birthday. How many days is it to Micaella's sister's birthday?

    A.   12
    B.   30
    C.   32
    D.   42

2.   Mr. Jackson has 16 magazines. What are 2 different ways he can stack them in equal groups?

    A.   2 groups of 8 and 4 groups of 4
    B.   2 groups of 9 and 3 groups of 4
    C.   8 groups of 2 and 5 groups of 3
    D.   6 groups of 3 and 2 groups of 8

3. Mfumei made this design from shapes she cut out.

    If she continues this pattern in the same way, which shape will be next?

Grade 3 • Mathematics Review Day 70

1. Brian has 2 hats, one is brown and one green. He has two shirts, one yellow and one blue. Make a list to show how many different outfits he can make.

2. The pictograph below shows how many students in the third grade own each type of pet.

Pet	Number of Students Owning Pet
Dog	Y Y Y Y Y Y Y
Cat	Y Y Y Y
Fish	Y Y Y Y
Bird	Y
Hamster	Y Y

Which question below could you answer using this pictograph?

A. How many students own more than one pet?
B. How many students own black dogs?
C. How many more students own fish than hamster?
D. How many students don't own pets?

1. Find the fraction that shows the shaded part.
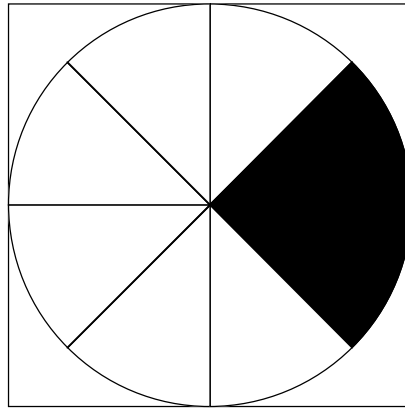
A. $\dfrac{1}{2}$ B. $\dfrac{1}{4}$ C. $\dfrac{1}{6}$ D. $\dfrac{1}{8}$

2. Gabriella sold 22 more raffle tickets than Jennie. Together they sold 272 raffles. How many did Gabriella sell?

A. 294
B. 250
C. 147
D. 125

3. Which of these numbers does not round to 500 when you round to the nearest hundred?

A. 451
B. 498
C. 539
D. 551

1. Each table in the science room has space for 4 students. There are 8 tables in all. What is the greatest number of students that can work at the desks?

   A. 12
   B. 28
   C. 30
   D. 32

2. Maria has 5 balloons.
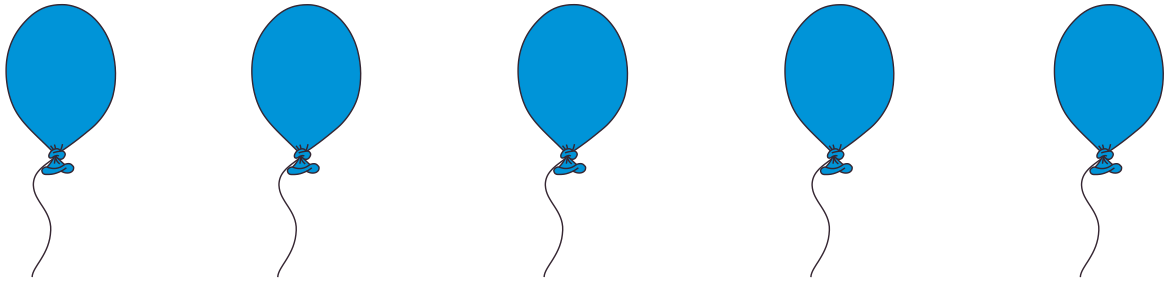
   Sam has two times as many balloons as Maria. How many balloons does Sam have?

   A. 52
   B. 15
   C. 10
   D. 7

3. Write a story problem, which can be solved by subtracting 1967 from 2,375.

   Then solve the problem.

1. Which tool would you use to weigh ?

    A.
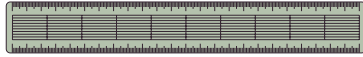
    B.
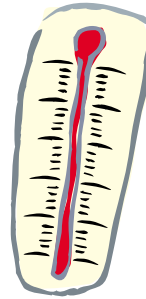
    C.
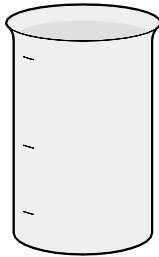
    D.

2. Study the chart:

IN	1	2	3	4	5	6
OUT	3	6	9	12	15	

    If the pattern continues:

    A. Fill in the missing number. _____

    B. Write the rule. _____
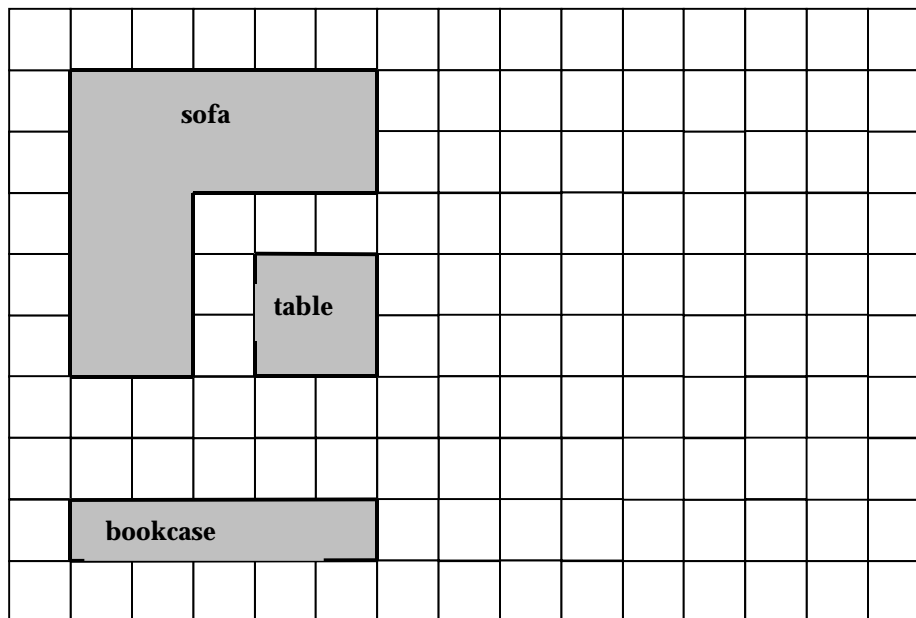
1.   The floor plan of a room is shown below.

On the grid, draw a shape that has an area that is greater than the area of the table but less than the area of the sofa.

What is the area of your shape?

1. Which multiplication sentence matches this picture?
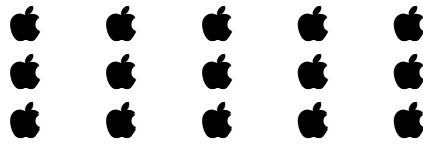
    A. 3 x 4 = 12
    B. 3 x 5 = 15
    C. 3 x 6 = 18
    D. 18 ÷ 3 = 6

2. What is at (2, 3) on the grid?
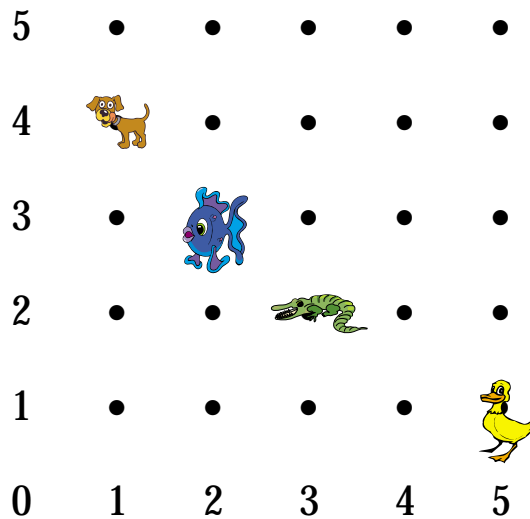
    A.   B.   C.   D.

3. Jarrod made up this number pattern. Which rule best helps describe how to find the next number?

    4, 7, 10, 13 ....

    A. add 3
    B. add 4
    C. multiply by 2 and subtract 1
    D. multiply 5

1. The table shows how many students play soccer or basketball.

Sport	Number of Students
Soccer	78
Basketball	92

What number is a reasonable estimate for the total number of students playing soccer or basketball?

My estimate is _____ students.

Explain your answer.

2. Mrs. Sewell has 12 perfume bottles. What are 2 different ways she can arrange them in equal groups?

    A.   2 groups of 6 and 4 groups of 3
    B.   2 groups of 6 and 3 groups of 5
    C.   8 groups of 2 and 5 groups of 3
    D.   4 groups of 3 and 2 groups of 8
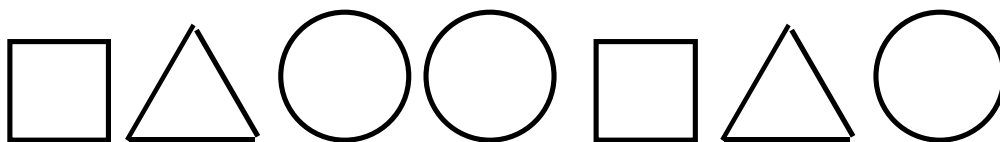
3. Mfumei made this design from shapes she cut out.

If she continues this pattern in the same way, which shape will be next?

1.   The floor plan of a living room is shown below.
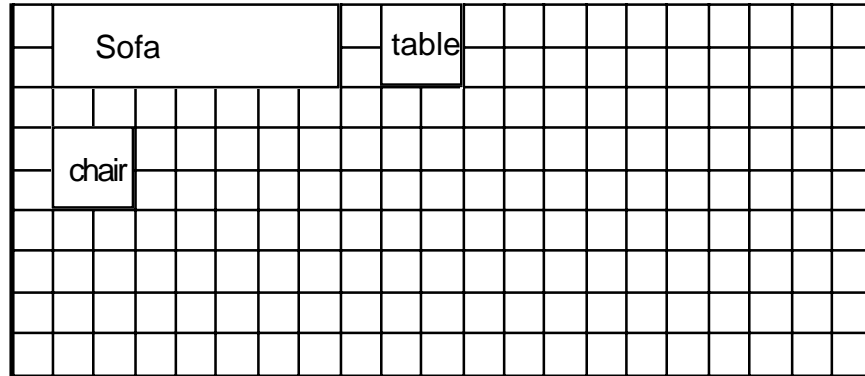
Perimeter is the distance around a figure.

One the grid, draw a shape that has a perimeter that is greater than the perimeter of the chair but less than the perimeter of the sofa.

What is the perimeter of your shape?

2.   Which picture completes the pattern?
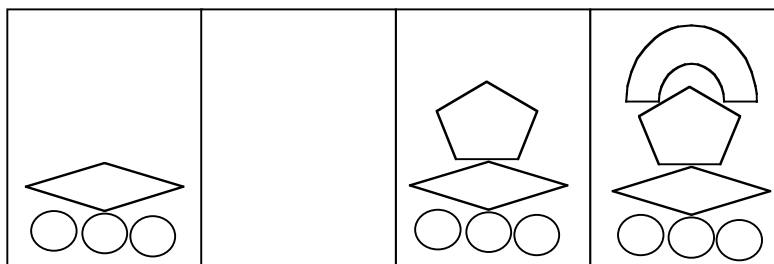
Draw the missing shape in the empty block to complete the pattern.

1. Juice boxes come in packs of six. How many boxes of juice are in five packs?

2. Kate is making a pictograph to show how many books her classmates read. She will use the symbol to represent three books.

    $\&$ = 3 books

    How many symbols does she need for Mike who read 21 books?

3. What is the missing number in this sentence?

    $\square$ + 6 = 25

1. Which has a quotient greater than 24 ÷ 4?

    A.   32 ÷ 8
    B.   28 ÷ 7
    C.   49 ÷ 7
    D.   24 ÷ 6

2. Tyrone bought a pizza that was cut into 12 equal parts. How many pieces of pizza are the same $\frac{1}{3}$ as of the pizza?

2. What is the name of this shape?

    A.   Cone
    B.   Cube
    C.   Cylinder
    D.   Pyramid
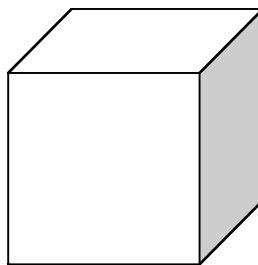
1. Which two can you buy with four nickels?

<   25 cents   ʼ 12 cents

!   7 cents   # 19 cents
•

I can buy _____for _____cents.

2. Zelda wants to cut a piece of tape to go all the way
    around this box the <u>long</u> way. Look at the diagram.

3 ft.

4 ft.

7 ft.
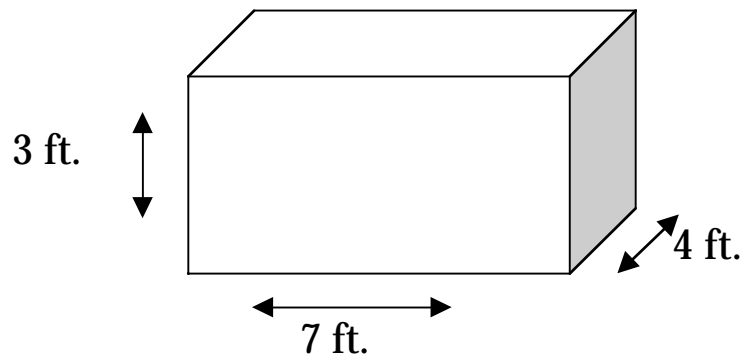
How many feet long is the piece of tape if there is no
overlap?

1.   What is at (1,4) on the grid?
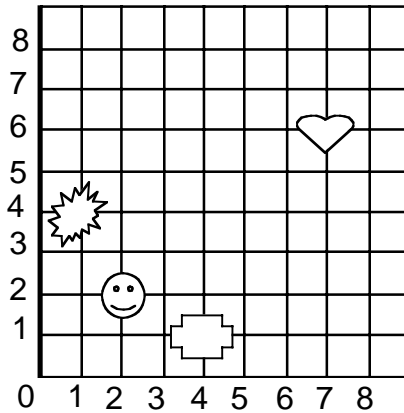
A. ☺   B. ♡   C. ▢   D. ✳

2.   There are five running races coming up in Ocala. There will be 291 tickets sold to each race. About how many tickets will be sold?

A.   1000
B.   1,200
C.   1,500
D.   1,800

3.   Nilo's mom is ordering cookies for her son's birthday party. His mom is planning to invite 18 children. If each child eats 2 cookies, how many packages must she order if 12 cookies are in every package?

Explain how you found your answer.

1.   Mrs. Rivera made a blueberry pie and a chocolate cake. After dinner the shadowed parts are what was left.
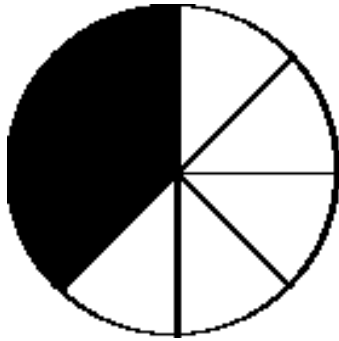
Blueberry
Pie
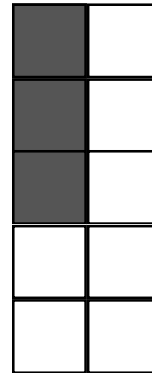
Chocolate
Cake

Estimate the fraction of the pie that is left.

Estimate the fraction of the cake that is left.

2.   Joanne is creating a pattern with a deck of cards. She placed 1 card in the first row, 3 in the second row, and 5 in the third row. How many cards would go in the fourth row?

A.   6
B.   7
C.   9
D.   16

Grade 3 • Mathematics Review Day 83

1. Coach Randy asked each player on the team to choose a team name. The number of votes each name received is shown in the table.

How Players Voted

Team Name	Number of Votes
Panther	2
Dolphin	8
Marlins	2
Heat	4
Hurricanes	8

Complete the pictograph below showing the number of votes each team name received. Be sure to:
• choose a symbol for your key
• tell how many votes each symbol stands for
• accurately draw your symbols

Favorite Team Names

Panthers	
Dolphins	
Marlins	
Heat	
Hurricanes	

Key:

1. Samantha leaves to go to the store at 3:05. She returns at 3:45. How many minutes was she gone?

2. Which of these quilt-piece designs is exactly $\frac{2}{3}$ shaded?

   A.   B.

   C.   D.
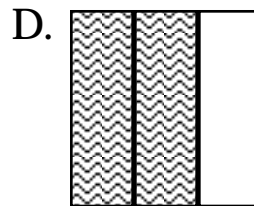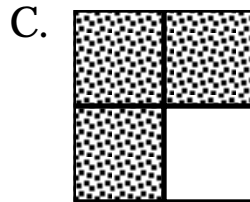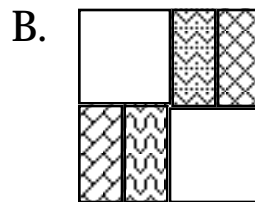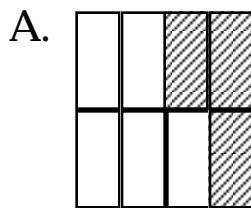
3. Jake, Miguel, and Harry were comparing their football card collections. Jake has 329 cards, Miguel has 333 cards, and Harry has 398 cards. Write the numbers in order from greatest to least.

1.   Last night, Su studied for 40 minutes. Rachel studied for 15
      fewer minutes. How many minutes did Rachel study?

      A. 25
      B. 35
      C. 45
      D. 55

2.   Imagine spinning this spinner 25 times. Which letter will the
      spinner point to most often? Tell why.
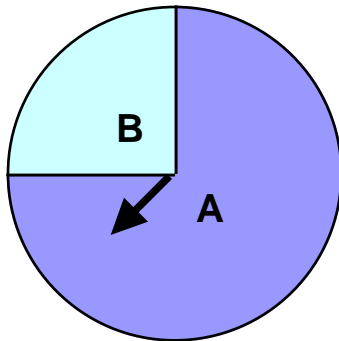
1. Mel's teacher asked the students to complete the following pattern. What are the missing shapes?

△◇ __?__ △◇☐ ☐ __?__ ◇ ☐

A. ◇ △

B. ☐ △

C. ◇ ☐

D. △ ☐
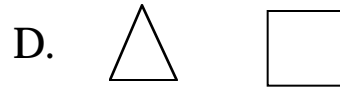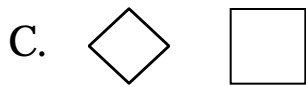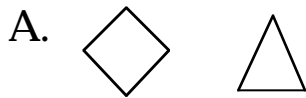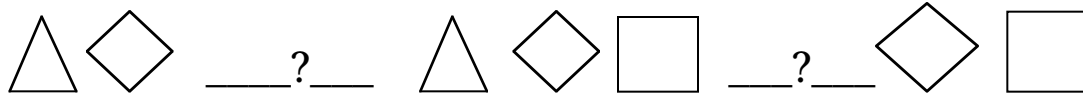
2. Four people got on the bus at the first stop. At the second stop, 4 people got on. At the third stop, 6 people got off and 2 got on. At the fourth stop, 1 person got off and 4 got on. How many people are on the bus now? Show how you arrived at your answer.

1. Which operations can be used to get the smallest possible result?

    5 ____ 4 ____ 2

    A. x   x
    B. x   +
    C. -   +
    D. x   ÷

2. Omar is creating a pattern for his science project. Help him come up with the next two items.

   A.

   B.

   C.

   D.
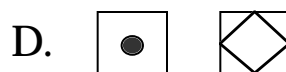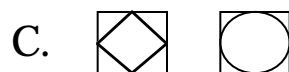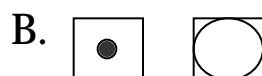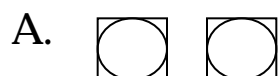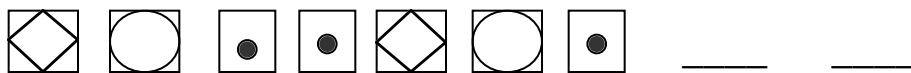
3. Pedro found some clay numbers that people can hang on their doors as house numbers. He found these numbers: 3, 5, 7, and 8. What is the largest three-digit number he can make from these numbers?

1. Roger wants to give an equal number of apples to each of his three friends. At the store, he sees the packages of apples shown below. Which package of apples should Roger buy to give each of his three friends an equal number of apples with none left over?

A.

B.

C.
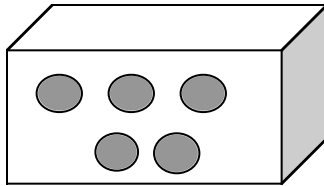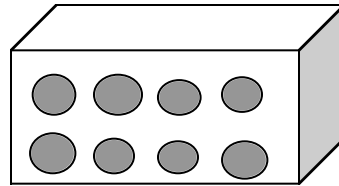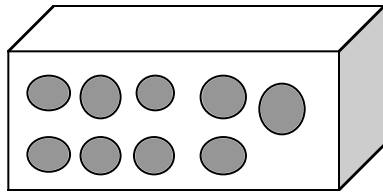
D.
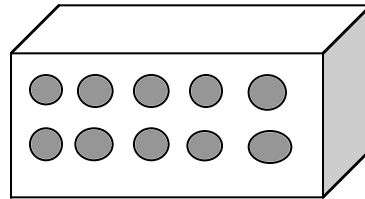
2. This table shows how much Juanita Gray will get for each can that she recycles. Complete the pattern in the table to show how much money Juanita will get from recycling 5 cans.

Money Earned From Recycling

Number of cans	1	2	3	4	5
Money received	5	10	15	20	

Explain how the amount of money, in cents, she receives changes as the number of cans she recycles changes.

1.   Which spinner is most likely to land on white?

A.
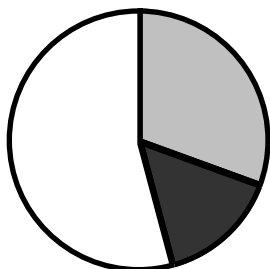
B.
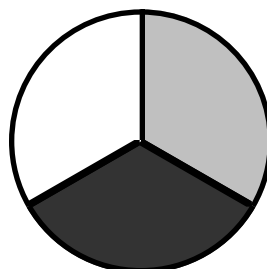
C.
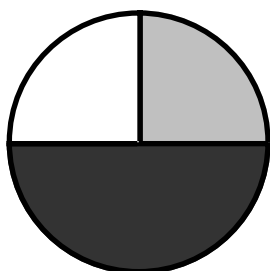
D.
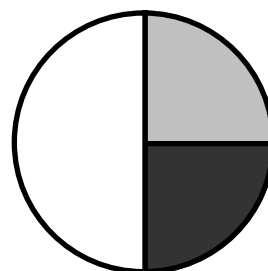
2. Fred bought a turtle from the pet store and paid with 2 one dollar bills. He received $ .30 change. How much did the turtle cost? Explain how you got your answer.
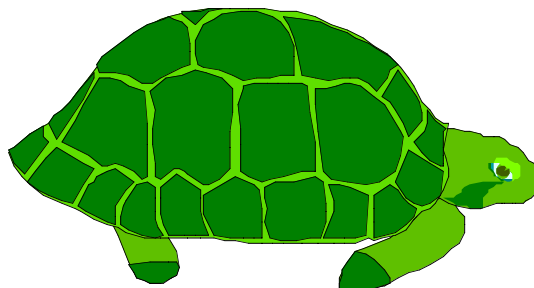
1. Eduardo is on a trip with his family. They have driven 364 miles so far. Round this number to the nearest hundred.

2. What figure comes next in the pattern?

   ○○△□ ○○△□○

   A. ○

   B. △

   C. □
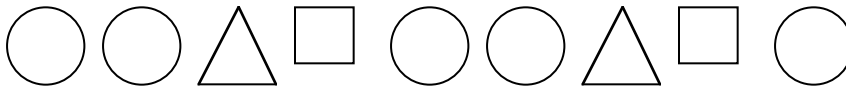
3. This pictograph shows the number of sunny days in the first four months of school, September through December.

   September

   October

   November

   December

   Key: 1 ☀ = 3 sunny days

   How many sunny days were there in October?

   A. 5
   B. 10
   C. 21
   D. 30

1. This table shows a pattern.

In	3	4	5	6	7	8
Out	6	8	10			

Fill in the missing numbers. Write a rule for the table.

2. What is the greatest number that can be made using the digits.

4, 2, 7, and 9?

1.   Rick has 4 marbles. Tom has three times as many marbles as Rick. How many marbles does Tom have?

    A.   43
    B.   36
    C.   12
    D.   7

2.   Draw a closed figure that has 4 sides and 4 angles. Next to your figure, draw a figure that is congruent to the figure you drew.
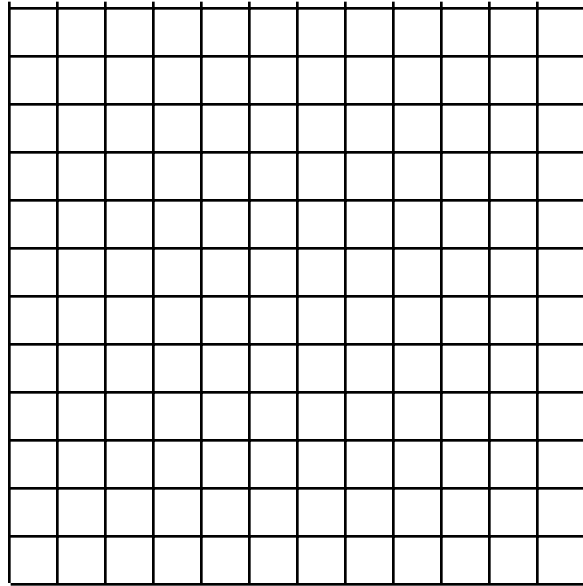
Name the shapes you drew.

Tell why the shapes you drew are congruent.

1.   This table shows a relationship between A and B.

A	0	1	2	3	4	5
B	0	3	6	9	12	?

Fill in the missing number. Explain why you chose that number.

2.   Use the clues to circle the correct geometric solid below.

I have six faces and eight corners.
All of my faces are the same size.
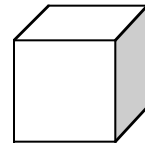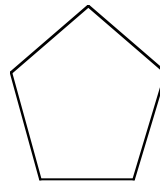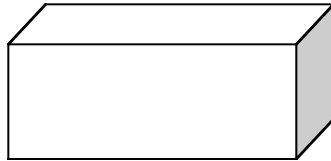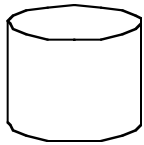
I circled the _____.

1.   There are 1,314 students at Blueberry Hill School and 2,576 students at Oaks Bluff School. How many students are at both schools?

2.   Mr. Bach's class has one free period a week. The class voted on which activity they would like: quiet reading, art project, or word game. Here are the results: reading, game, game, reading, art, game, game, reading, game, art, reading, game, game, reading, art, game, game.

Record the data on the table.

Activity	Number of votes
Quiet reading	
Art project	
Word game	

Make a graph on the grid to show your data.
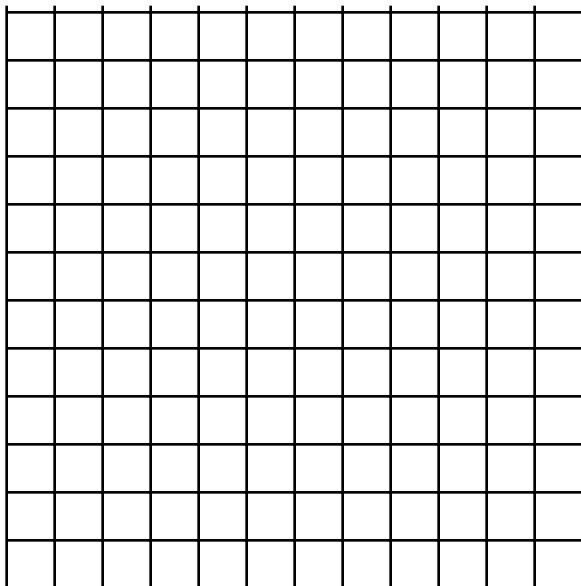
1.   Jim has six weights. One weight has been placed on the
     scale. Draw pictures to show how he can balance the scale
     by placing all of the other weights on the scale.

     1 kg   2 kg   3 kg   4 kg   4 kg

                                              4 kg
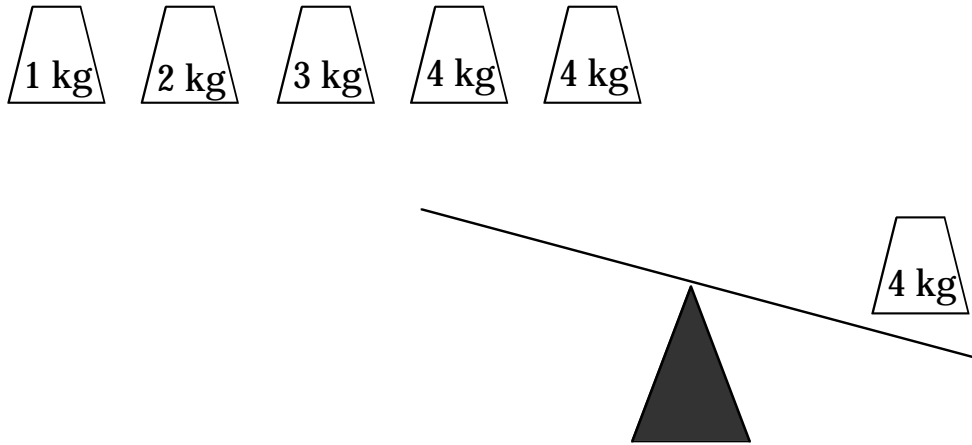
     When the scale is balanced, how many kilograms will be on
     each side of the scale?

2.   Juanita sorted the shapes below into two groups.
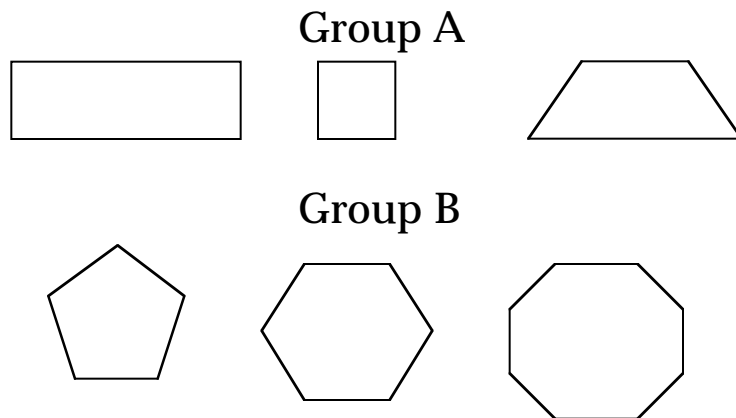
                        Group A

                        Group B

     In the space below, use geometric terms to describe one
     characteristic of the shapes in each group.

     Group A:

     Group B:

1.	Which of these figures would result from a flip of the figure below?
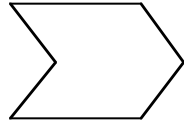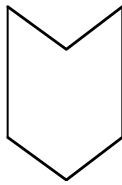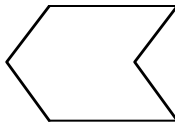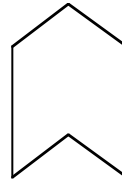
	A.	B.	C.	D.

2.	Brock went to the zoo on Sunday. There were three times as many rabbits as monkeys. There were 12 rabbits and monkeys in all. How many were monkeys?

3.	There are frogs and guppies in the pond. There are 7 amphibians in all. There is one more guppy than frogs. How many guppies are there?

1. Find the perimeter of this shape.

   5 m   3 m   2 m   10 m
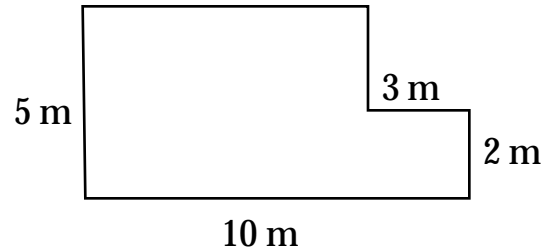
2. Each stack in the library holds 345 magazines. There are 6 stacks of science magazines. ESTIMATE the number of science magazines the library has. Show how you got you estimate.

   Estimate:

   Show how:

1. Mrs. Jones's class voted for a class mascot. The choices were a dog, a kitten and a fish. Here is how the class voted:

    Dog, kitten, kitten, fish, dog, fish, kitten, dog, kitten, fish, fish, dog, dog, kitten, dog, dog, kitten, fish, dog, fish.

    The class is making tallies for each choice. How many votes did the dog get?

2. Which multiplication sentence is NOT true?

    A. 3 x 0 = 3
    B. 4 x 1 = 4
    C. 5 x 0 = 0
    D. 6 x 1 = 6

3. At the game room Arthur puts one coin in the machine and gets 5 tickets. Sidney puts in 2 coins and gets 6 tickets. Rachel puts in 4 coins and gets 8 tickets. How many tickets will Margie get if she puts in 6 coins?

1.   Look at the pattern in this table.

In	6	7	8	9	10	11
Out	3	4	5			

   A.   Complete the table.

   B.   Write the rule.

2.   Tanya's family will visit Disney World. Disney World is 312 miles away from Tanya's house. After visiting Disney World, Tanya's family will visit Uncle Joe who lives 221 miles north of Disney World.   ESTIMATE the number of miles to get to Uncle Joe's house from Tanya's house.

   Estimate:

   Explain how you got your estimate.

1. Which of these figures would result from a flip of the figure below?
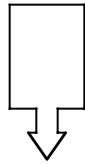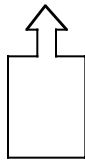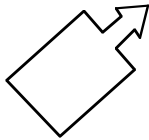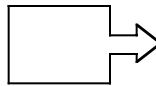
A.   B.   C.   D.
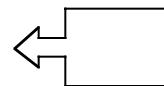
2. Dennis has $10.00. He wants to buy 3 packs of baseball cards which cost $3.25 each. Does he have enough money?

   If Dennis can buy the baseball cards, how much change will he receive?

1. Sand Dune School took a survey to find out how students get to school. How many third graders do NOT walk to school. Show how you solved the problem. Use numbers and words.

    How Third Graders Get to School

Ride the bus	18
Walk	12
Ride bike	14
Ride in a car	11

2. A new floor for the library will cost $3,721. New tile for the cafeteria will cost $6,513. ESTIMATE to determine if these two items will cost more or less than $10,000. Explain how you got your answer.

    Estimate:

    Explanation:

1. Strange things happen in the Fun House Elevator. Kerri gets on the elevator and presses button 9. The elevator goes to floor 4. She presses button 10 and the elevator goes to floor 5. Kerri then presses button 15 and goes to floor 10. If Kerri presses button 19, what floor will she go to?

2. Tell if the problem has too much or too little information. Then solve the problem. Ray bought 6 pencils for $2.00, 5 notebooks for $3.00 each and markers for $4.00. How much did he spend for notebooks?

1.   Which is a multiple of 3?

   A.   1
   B.   9
   C.   13
   D.   23

2.   To find the range of a set of numbers, subtract the least number from the greatest number.

   Find the range of this set of numbers.

   41   26   63   39   55

   A.   47
   B.   37
   C.   14
   D.   24

3.   Mrs. Kim-Woo has 3 children. She gave each of them 2 cookies and 2 sandwiches. How many sandwiches did she give them in all?

1. A class of students was asked to vote for their favorite food. The number of votes each food received is shown in the table.

Favorite Foods

Type of Food	Number of Votes
Popcorn	5
Peanuts	8
Hot dog	4
Nachos	0
Pizza	10

Complete the pictograph below showing the number of votes each food received. Be sure to:
- choose a symbol
- tell how many votes each symbol stands for
- accurately graph the data

FAVORITE FOODS

Popcorn	
Peanuts	
Hot dog	
Nachos	
Pizza	

Key:

1. This scale is balanced. Box A has 12 cubes inside. How many cubes are in Box B if each of the B boxes have the same number of cubes and the cubes are the same size as those in Box A?
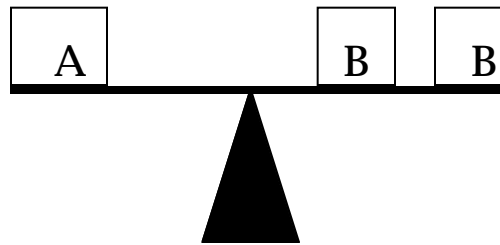
2. Write a story problem than can be solved by the sentence
    12 ÷ 3 = ?
    Solve the problem.

3. There are 30 children in Mrs. Gere's class. They must form equal groups of 6 students each. How many groups will there be?

1.   Rochelle has 7 dimes and 2 nickels. How much money does she have?

2.   Which multiplication sentence can you use to find $24 \div 4$?
    A.   4 x 3 = 16
    B.   4 x 4 = 16
    C.   4 x 5 = 24
    D.   6 x 4 = 24

3.   Mark turned this figure clockwise and traced it.
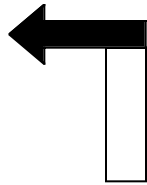
Which of the following shows the figure after Mark turned it clockwise?

A.   B.   C.   D.
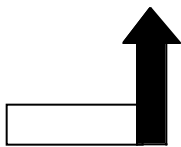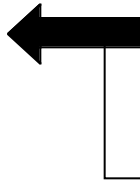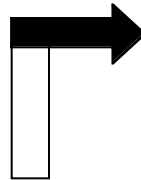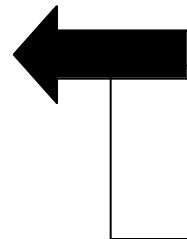
1. Complete the pattern:

In	9	10	12	11	15
Out	45	50	60		

2. Jonathan and Jordan are playing a game with this spinner.
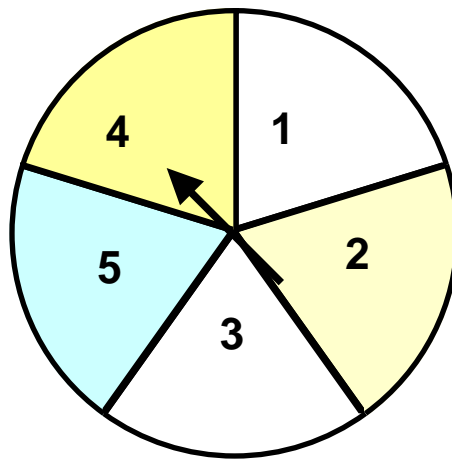
If the spinner lands on a number less than 3, it is Jonathon's turn. Is this a fair game?

Explain your answer.

1. On the grid below, draw a figure with an area of 12 square
    units.
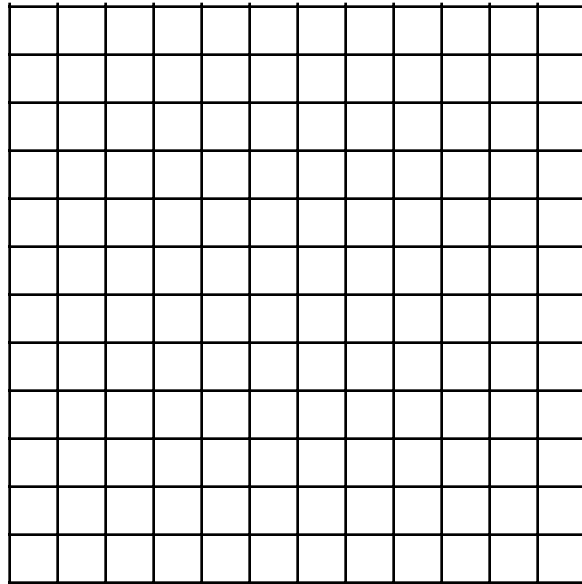
2. Find the perimeter of the figure you drew.

3. This array of place value blocks show how to multiply 2 x 18.

    What is the product?

1.   Find the rule. Then complete the table.

IN	12	8	10	20	30
OUT	6	4	5		

2.   Which is the mixed number for the apple pies shown?
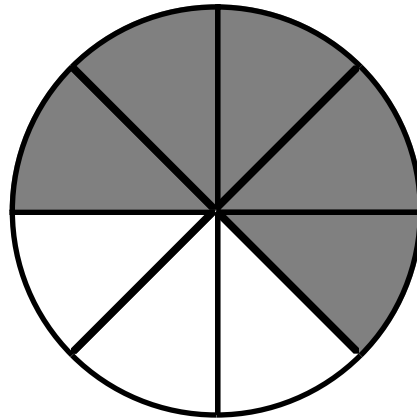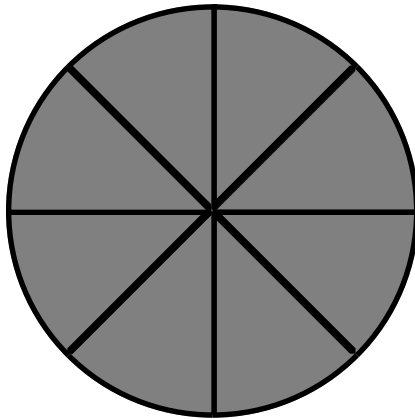
A. $1\frac{5}{8}$ B. $1\frac{5}{6}$ C. $1\frac{3}{4}$ D. $1\frac{3}{8}$

3.   Mrs. Smith is buying cloth that is 15 feet long so she can make
       a cover for her car. How many yards of cloth does she need
       to buy?

1. Which is the best estimate of the distance you could travel by car in 5 minutes?

    A.   15 centimeters
    B.   200 centimeters
    C.   800 meters
    D.   3 kilometers

2. Elias has three turtles, Moe, Larry, and Curly. He is putting them on a track he built from sand. He wants to see how they will do in a race. In the space below, list all the different ways the three turtles can finish the race. For example, Moe could be first, Larry could be second and Curly could be third. You may use the first letter of each turtle's name in your list, like this, (M-L-C)

Moe
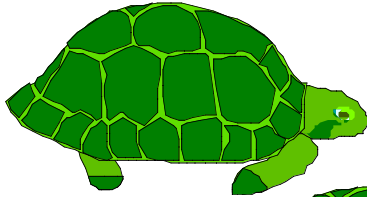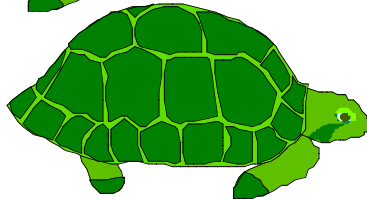
Larry
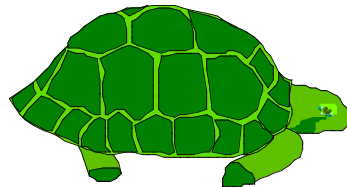
Curly

FINISH

1. Which number sentence can help you solve this problem? Diana has 18 pencils. She wants to give each of her 6 friends the same number of pencils. How many pencils can she give each friend?

    A.   18 + 6
    B.   18 - 6
    C.   18 x 6
    D.   18 ÷ 6

2. Daniel found 15 golf balls in a sport's bag in the closet. His dad said he could take $\frac{1}{3}$ of them. How many golf balls can Daniel take?

3. Look at the pictures below. Write yes under each picture that has a line of symmetry.
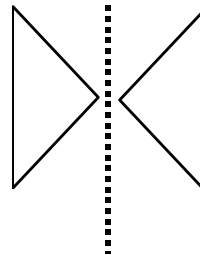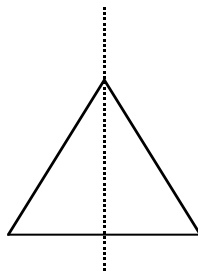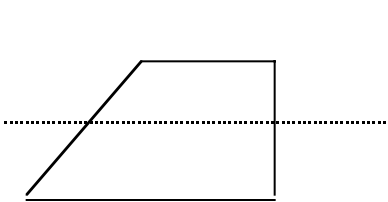
1. Juice drinks come in cartons of 6 boxes each. The teacher wants to buy enough boxes so every student gets one drink. There are 29 students. How many cartons of juice boxes should he buy?

2. It is now 2:15 P.M. John has a piano lesson at 3:00 P.M. How many minutes is it until his lesson?

3. Frank walked 2.7 miles to Mike's house. Together they walked 3.5 miles to Jafar's house. How many miles did Frank walk in all?

1. It took Samantha 3 minutes to walk 2 blocks. She must walk 12 blocks.

    A.   Complete the table.

Blocks	2	4	6	8		
Minutes	3	6	9			

    B.   How long will it take Samantha to walk 16 blocks? Use the table to help you.

2. Imagine spinning this spinner 50 times.
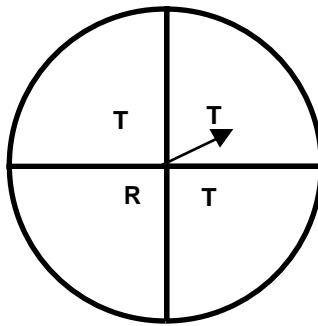
    Which letter will the spinner point to most often? Explain your answer.

1. Which statement is true?

A.
$\dfrac{1}{3}$ >   > $\dfrac{3}{4}$

B.
$\dfrac{1}{3}$ >   > $\dfrac{3}{5}$

C.
$\dfrac{1}{3}$ >   > $\dfrac{3}{8}$

D.
$\dfrac{1}{3}$ >   > $\dfrac{3}{10}$
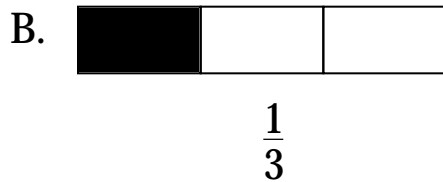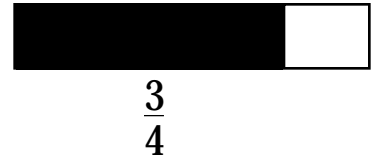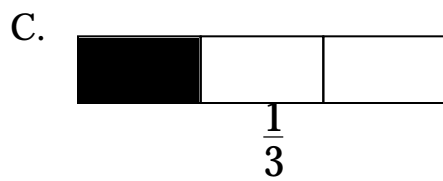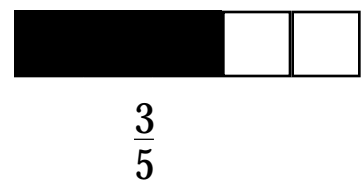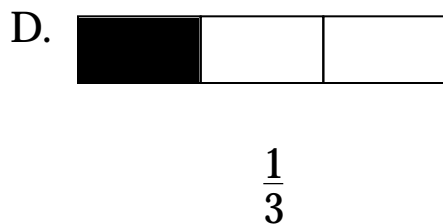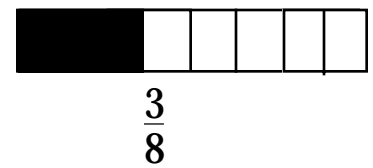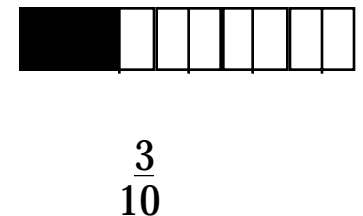
2. The floor plan of a room is shown below

bed

table
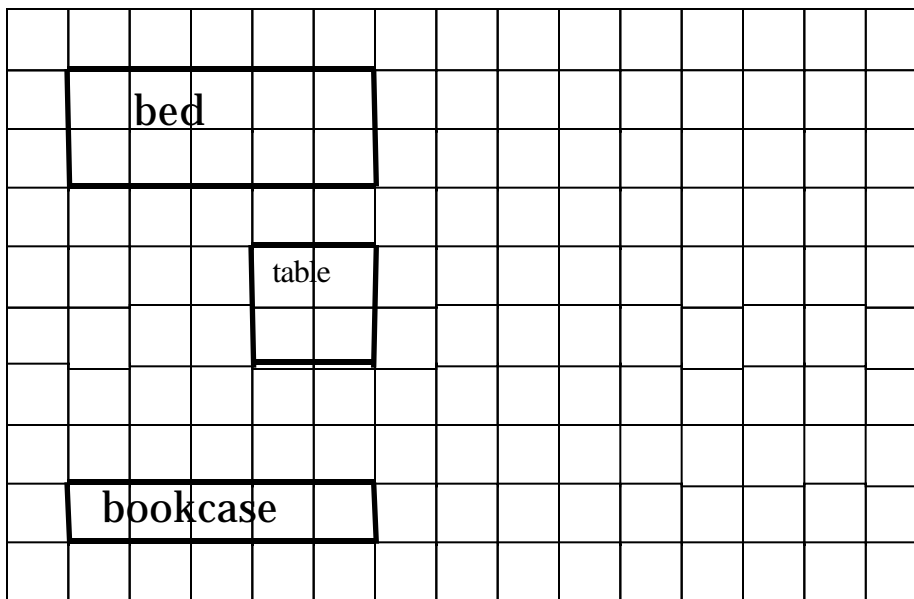
bookcase

On the grid draw a shape that has an area that is greater than the area of the bookcase but less than the area of the bed.

1. Michelle spun this spinner 60 times. She recorded the result each time. About how many times do you think she got the letter A?
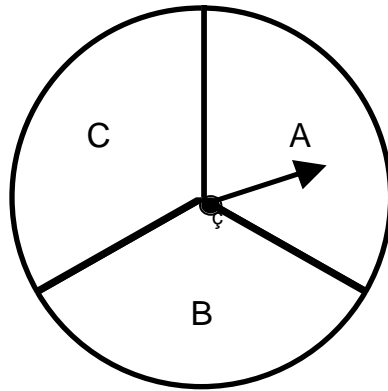
    A. 1 time   B. 3 times   C. 10 times   D. 20 times

2. Sharon finished the race in thirty-five and four hundredths seconds.   Which decimal shows her time?

    A.   0.354 seconds
    B.   0.035 seconds
    C.   35.4 seconds
    D.   35.04 seconds

3. Look at the chart. Find the rule.

IN	5	6	8	9	10
OUT	14	15	17		

    What would the answer be if you put "9" in?

1. Lachelle has a pepper plant, a tomato plant, and an avocado plant on her window ledge. How many different ways can she arrange them from left to right?

   A. Number of ways:

   B. List of different arrangements:

2. Helen has 3 dogs, 8 fish and 2 cats. Which number sentence would you use to find out how many <u>more</u> fish than dogs?

   A. $8 - 3 = 5$
   B. $8 + 3 = 11$
   C. $8 - 1 = 6$
   D. $8 + 2 = 10$

1. Kara and Dan are playing a scavenger hunt game. They draw a map of the site. They make a trail that begins at "Start" and goes to "Finish."
They place clues every 3 feet along the trail.

   A. Draw a trail that goes along the grid lines from "Start" to "Finish" on the grid below.

   Start

   Finish

   —— = 1 foot
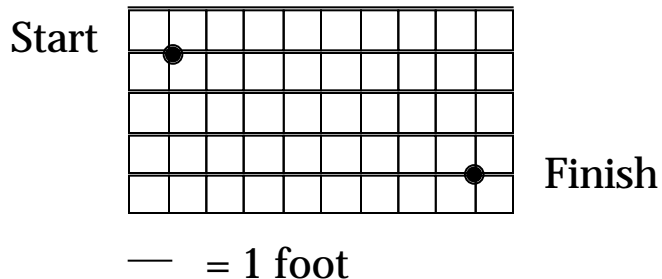
   B. Place clues every 3 feet along your trail by putting an "X."

   C. How many clues are there?

2. It takes Lucy 40 minutes to bike to Loretta's house. It takes her 25 minutes to bike to Robyn's house. How much longer does it take to bike to Loretta's house than to Robyn's house?

1. Name three items that are shorter than 2 feet. Estimate the length of each item you chose.

2. Garret bought a pen for $3 and a new ruler for $2. Which operation could be used in the square to find the total amount he paid for these items?

$$3 \ \square \ 2$$

A. +
B. x
C. -
D. ÷

3. Determine the rule in the table.

IN	6	7	10	9	12
OUT	0	1	4		

1. Taishan has 8 yards of ribbon. How many feet of ribbon does he have? 1 yard = 3 feet

   A. 5 feet
   B. 8 feet
   C. 24 feet
   D. 36 feet

2. Hank wants to find out the temperature in the classroom. Which of the following would be best for him to use?
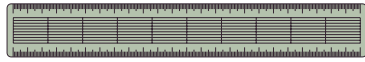
   A.
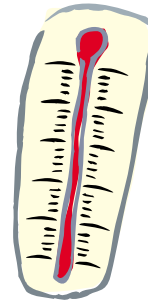
   B.
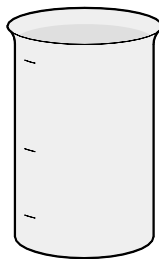
   C.

   D.

3. Mr. Greenjeans measured a bean plant on Thursday. It was 8 inches tall. By Monday, it had grown 1 more inch. Choose the operation you would use to find how tall the plant is on Monday.

   A. +
   B. -
   C. x
   D. ÷

1. Which of these measurements best describes the weight of a cat?

   A. 30 grams
   B. 300 grams
   C. 3.0 kilograms
   D. 30 kilograms

2. A bookstore owner wants to have one wall of her store decorated by the children in the school. Mr. Underhill's art class is sketching its design on grid paper. The students have marked different sections for different parts of the picture. Look at the design plan below.
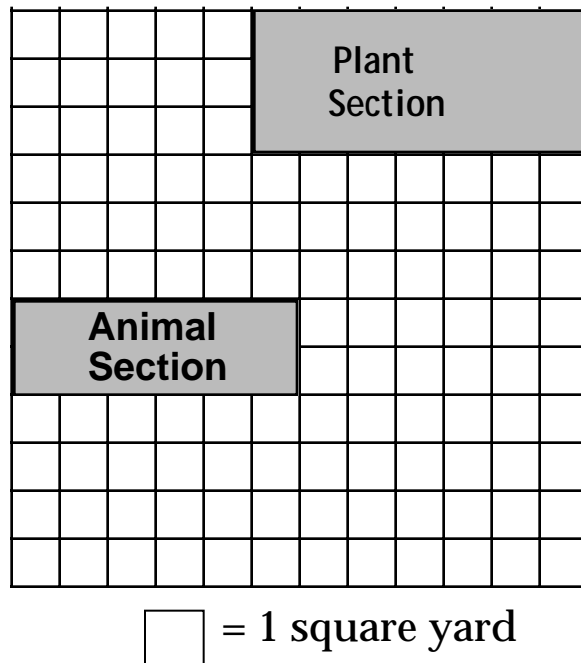
☐ = 1 square yard

   Find the area of the animal section and the area of the plant section in square yards.

   In the space remaining on the design plan, create a new section that is smaller in square yards than the plant section and larger in square yards than the animal section. This section should be labeled fiction.

1. Miko walks his dog one-half hour each day. Estimate the number of hours he walks his dog in one month. Explain how you got your answer:

    Estimate:

    Explanation:

1.   How many rectangles can be found in this figure?
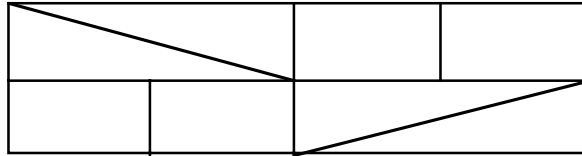
2.   The teacher ordered 7 jump ropes, 5 basketballs, 3 footballs, and 4 soccer balls for the class. Complete the chart to show how many of each kind of playground equipment the teacher ordered.

PLAYGROUND EQUIPMENT

Jump ropes	
Basketballs	
Footballs	
Soccer balls	

1. Eddy planted 24 flowers. Some were blue and some were pink. Nine were pink. How many are blue?
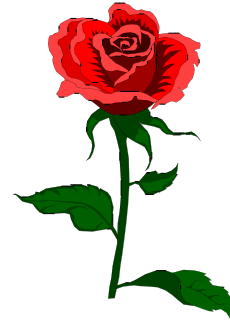
2. Jerry and Jim were selling lemonade. They each worked for 6 hours. Jerry sold 43 cups and Jim sold 24. How many more cups did Jerry sell?

    A. 18 cups
    B. 19 cups
    C. 49 cups
    D. 67 cups

3. The counselor would like to know what kind of after-school activities the students would like to have. She can have five different activities every day. Which question should she ask the students?

    A. Do you like board games?
    B. Do you live far from school?
    C. What are your favorite activities?
    D. What pets do you own?

Grade 3 • Mathematics Review Day 124 (Gridded Response)

1. Juan has 9 erasers. He wants to put the same number in 3 pencil holders. How many can he put in each cup?

2. A door is two meters wide. How many centimeters wide is the door?

3. For lunch Wednesday, 45 people ate pizza, 38 people ate hot dogs, and 17 people ate hamburgers. How many people ate lunch Wednesday?

1.   In football, the Wildcats scored 32 points in 18 minutes. The Bobcats scored 25 points. How many points did the teams score in all?

2.   Find the next 3 numbers in the pattern.

35, 45, 55, 65, ____, ____, ____

Tell how to find the fourth number if you had to.

1. Some days of the week are written on these slips of paper.

Monday	Tuesday	Wednesday

Thursday	Monday	Saturday

Sunday

All of the slips of paper will be folded and placed in a paper bag. Without looking, one slip of paper will be taken from the bag. Which day of the week is most likely to be chosen? Explain why.

1. A cube contains 3 yellow blocks, 2 white blocks, 3 red blocks and 6 blue blocks. Chris puts his hand in without looking. What color is he most likely to pick out?

    A. yellow
    B. white
    C. red
    D. blue

2. Candy comes in packages of 8. Susie bought six packages of candy. How many pieces of candy does Susie have?

3. What time is shown on the clock?
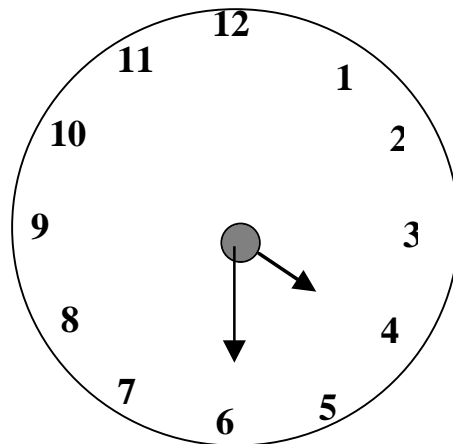
    A. 4:06
    B. 4:30
    C. 6:04
    D. 6:20

1. Andrew drinks 2 liters of water every day. Estimate how many liters of water he drinks in one month. Show how you got your estimate.

   Estimate:

   Explanation:

   Explain how many liters he would drink in 6 months.

2. Complete the table. Find the rule in the table.

IN	OUT
2	9
3	10
9	16
6	
4	

2. Shayla is taking the temperature inside a greenhouse on a sunny day. She recorded the temperature once every hour. Look at the table below.

GREENHOUSE TEMPERATURE

Time	Degrees Fahrenheit
10:00 A.M.	72
11:00 A.M.	74
12:00 A.M.	75
1:00 P.M.	77
2:00 P.M.	79
3:00 P.M.	?

Based on the data, Shayla collected, predict the number of degrees inside the greenhouse at 3:00 P.M.

Explain how your prediction was made.

3. The gardener wants to have a walkway around this flowerbed. Look at the diagram below and find the perimeter of the flowerbed.

15 yards

4
yards
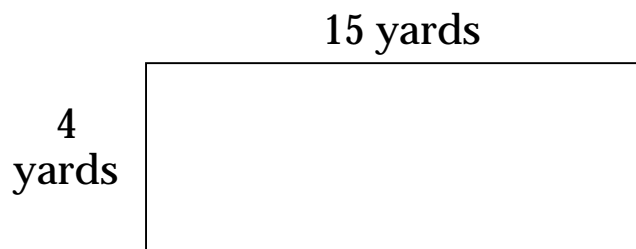
Grade 3 • Mathematics Review Day 130

1. On Sunday, the temperature was 21 degrees Celsius. On Monday, it was 35 degrees Celsius. How much warmer was it on Monday?

2. The months of the year are written on these slips of paper. All of the slips of paper will be folded and placed in a paper bag. Then, without looking, one slip of paper will be taken from the bag. Which month is most likely to be chosen? Tell why.

January	February	March
April	May	June
July	August	September
October	November	December

D. Jamie does his homework for 30 minutes each day. He starts when he gets home and the minute hand is on the 9. Where will the minute hand be when he stops?

A. 3
B. 6
C. 9
D. 12

2. Carmen was making a chart to show prizes at the Family Fun Fair. This is what she has done so far.

# of tickets	Value of prize
10	$2.00
12	$2.50
14	$3.00
16	
	$4.00
20	
22	
	$5.50

Look for a pattern and complete the chart. Explain how you chose your numbers for the chart.

D. Danny estimated that the jump rope he had was 100 feet long. It was really only 58 feet long. What was the difference between the estimate and the real length?

A. 38 feet
B. 42 feet
C. 52 feet
D. 158 feet

2. The third graders used tally marks to keep track of the weather for a month. This is what their tally marks looked like:

Weather in June

Sunny days	༖༖ ༖༖
Rainy days	༖༖ |||
Windy days	༖༖ ༖༖
Cloudy days	༖༖

 Make a bar graph. Explain how your bar graph shows the same information.

Weather in June

Sunny										
Rainy										
Windy										
Cloudy										

0   1   2   3   4   5   6   7   8   9   10
Number of days

D. How much money do you have in all?

2. This graph shows the temperature outside at 12:00 P.M. for six days. What was the temperature on May 4th?

Temperature at 12:00PM

Day
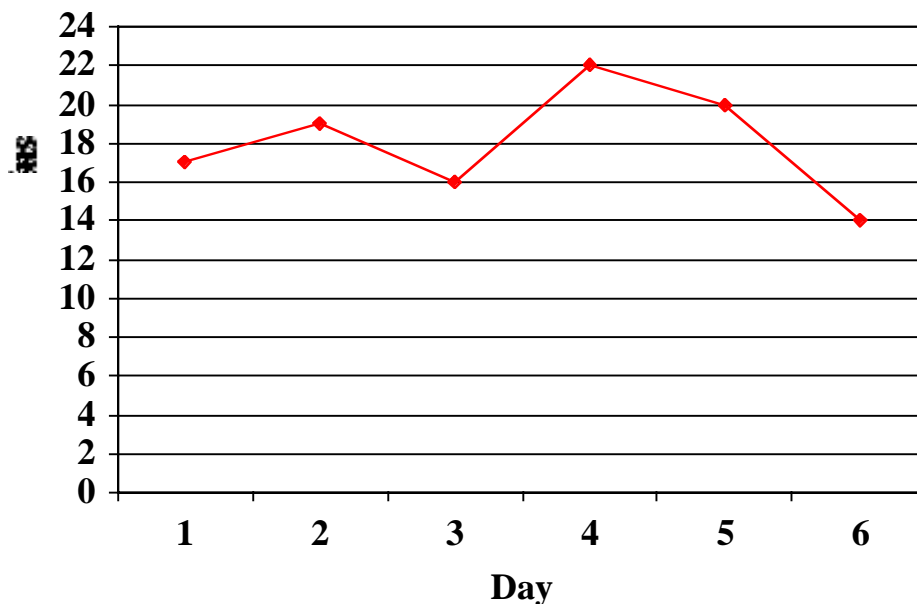
3. For the soccer team trip, 5 cars were needed. There are 5 students in each car. How many students went on the trip?

Look at the pattern. Describe the rule.

IN	3	4	5	7	10
OUT	7	8	9		

2.   A new VCR costs $379. Mr. Tanikas has saved $136.
       Estimate how much more money he needs for the VCR.
       Show how you got your answer.

       Estimate:

       Explanation:

1. Myra bought 3 packs of baseball cards. Each pack had 5 pieces of gum and 3 cards. If Myra gave 5 cards to her brother, how many cards did she have left?

   Explain how you got the answer.

Use the chart below to answer the following questions.

Book Club Readings

Jesse	▨					
You	▨	▨	▨	▨	▨	
Jim	▨	▨				
John	▨	▨	▨			

▨ = 5 books

1. How many books did you read this summer?

   A. 5 books
   B. 10 books
   C. 15 books
   D. 25 books

2. Which two Book Club members together read the same number of books as you?

   A. Jesse and Jim
   B. Jess and John
   C. Jim and John
   D. You and Jim

2. What is the total number of books read by the Book Club?

   A. 40 books
   B. 35 books
   C. 55 books
   D. 120 books

1. Debbie is putting 96 cookies on plates. If she puts 6 cookies on a plate, how many plates does she need?

   Draw a picture to show how you got your answer.

2. Janine wanted to play a game at the fair. It cost her $1 every time she took a turn at the spinner. She would win if she landed on white. What are her chances of winning?
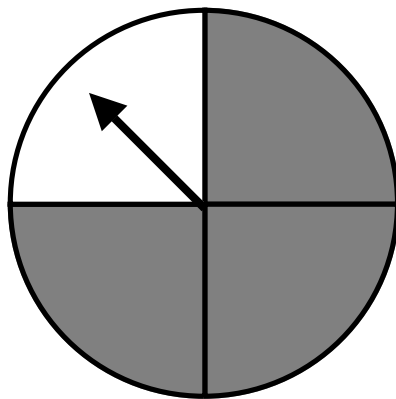
1. Which shapes below are not congruent? Explain how you got your answer.

   A.

   B.

   C.
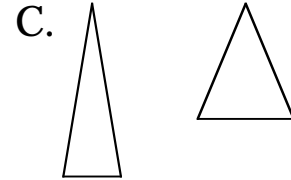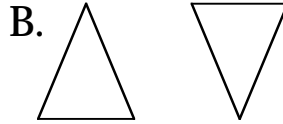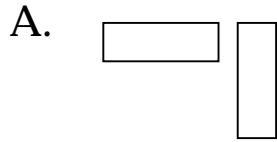
2. Cindy, Shirley, and Mara share this snack equally.
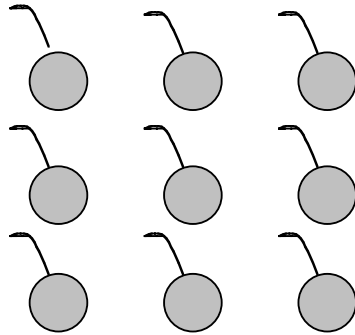
   Which statement is true?

   A. Each child gets $\frac{3}{3}$ of the cherries.

   B. Each child gets $\frac{9}{9}$ of the cherries.

   C. Each child gets $\frac{3}{9}$ of the cherries.

   D. Each child gets $\frac{3}{6}$ of the cherries.

Grade 3 • Mathematics Review Day 139

1. Danny was playing a pick up game with sticks. He could pick up about 18 in 10 minutes. About how many could he pick up in an hour?

   A. 28 sticks
   B. 120 sticks
   C. 180 sticks
   D. 200 sticks

2. Misha's birthday party will have 10 children altogether. Her mother thinks they will each drink 2 cups of juice. How many quarts does she need to make?

   How did you solve this problem?

1. What kind of angles are in a square?

    A. Right
    B. Obtuse
    C. Acute
    D. Large

2. Tasko and his friends rode the Ferris Wheel at the fair. There were 12 riders on the first ride, 17 on the second, 22 on the third, and 27 on the fourth. If the pattern continues how many riders will there be on the fifth ride?

3. The clock shows the time that Yoni gets home. What time is it 5 minutes later?
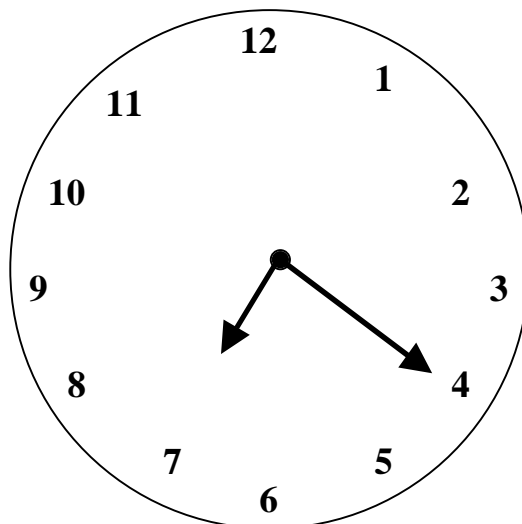
1. Salvador has a bag with the following marbles. What color marble is he most likely to pull out?
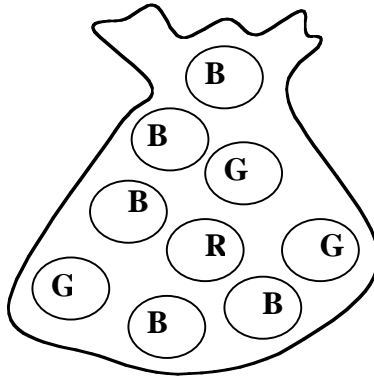
2. Look at the shapes below. Which shapes are similar? Explain your answer.

A.   B.   C.
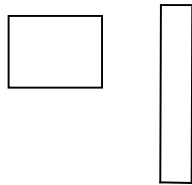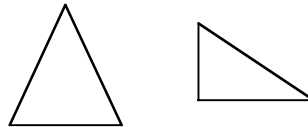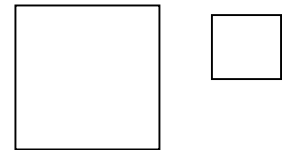
1. Draw a closed figure that has 4 equal sides and 4 equal angles. Beside your figure, draw a figure that is congruent to the figure you drew.
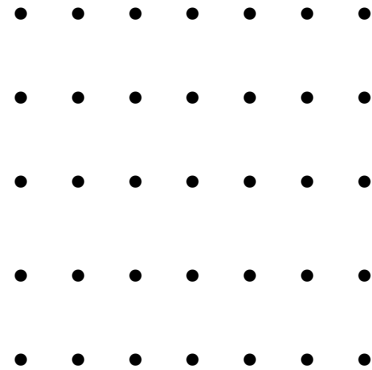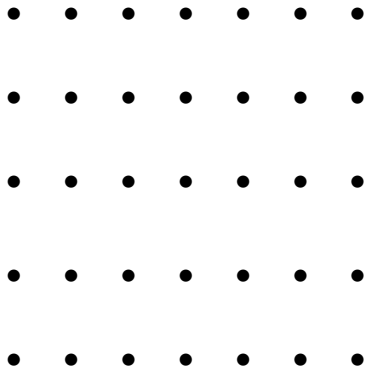
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Name the shapes you drew.

Explain why the shapes you drew are congruent.

1. Anita's teacher asked her to write three thousand, eight hundred seventy-one in numbers. How should she write it?

2. Stuart chose the winning number in a drawing. He said the number is 124 less than 530. What is the winning number?

3. A local department store was giving away free T-shirts. They gave away 4 T-shirts the first hour, 8 T-shirts the second hour and 12 T-shirts the third hour. If the pattern continues how many T-shirts will they give away in the fourth hour?

1. There are 328 children sitting in the balcony of the movie. There were 123 children sitting in the main area which is on the floor. How many students were at the movie?

2. Jacob earned $9.00 babysitting during February. He spent $3.95 on a deck of cards. How many video game tokens can he buy at 50¢ each with the money he has left?

   Explain the steps you use to solve this problem.

3. The store was 2.3 miles from home. The bus took us 1.8 miles of the way. How far did we have to walk?

   A. 0.5 miles
   B. 1.8 miles
   C. 1.0 miles
   D. 4.3 miles

1. Jasper has driven thirty-nine thousand, two miles since he got his driver's license. Which number shows how many miles he has driven?

   A.   3920
   B.   39,002
   C.   39,020
   D.   39,200

2. Abdul made this model to show the number of people in the library on Monday. On Tuesday, there were 23 more people in the library than on Monday. How many people were there on Tuesday?
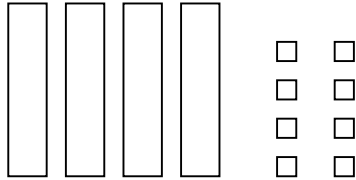
3. Six weeks ago, the odometer on Mrs. Mint's car was 6,249. It now reads 6,798. How many miles has she driven during the past six weeks?

Grade 3 • Mathematics Review Day 146 (Extended Response)

1. The day camp counselor asked each child in her troop to vote for the troop color. The only choices were green, red, or yellow. The results are shown below.

Camper's Color Vote

Name	Color	Name	Color
Nada	Red	Katrina	Yellow
Ann	Green	Lars	Yellow
Carlos	Green	Willie	Green
Donatello	Yellow	Nick	Yellow
Evan	Red	Pedro	Yellow

Count the number of campers who voted for each color and write the numbers in the chart below.

Camper's Color Vote

Color	Number of Campers
Red	
Green	
Yellow	

3. On the grid below, make a bar graph showing the number of students who voted for each color.
    Be sure to:
    • label the axis
    • write the numbers for the scale
    • accurately graph the data

Camper's Color Vote

1. April made the letter F and changed it to another shape. Which did she use to move the figure?

    A. Flip
    B. Turn
    C. Slide

2. Burger Haven sold 257 burgers on Saturday and 139 on Sunday. How many more burgers were sold on Saturday?

3. Irene wanted to go to the mall during the month of April. Her mother could only take her on Friday. How many times could she go?

April

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

1. Judy is selling lemonade during the summer for 10¢ a glass. If she sold 23 glasses on Monday, how much money did she make?

2. Thomasa started writing this number pattern:

    17, 27, 37, ____ , ____,

    What is the fifth number in this pattern?

3. On vacation we flew 107.9 kilometers and then drove 25.7 kilometers. How far did we travel?

1. Soccer balls cost $1.99 each. How much would it cost to purchase 3 of them?

2. Julio buys a jacket for $19.95, a shirt for $18.95 and socks for $4.98. Estimate how much money he spent.

3. Tyrone's father has a piece of wood that is 27 inches long. He cuts 5 inches off for one project and 6 more inches for another. How many inches of wood does he have left?

1. Leon's bedroom wall has 4 equal sides and 4 equal corners. What is the shape of the wall?

    A. Triangle
    B. Square
    C. Rectangle
    D. Trapezoid

2. Patrick drove 28 miles to get to the camp site. He stayed for 2 hours and then drove home. Natalie drove 57 miles to get to the camp site. She also stayed for 2 hours and went home. How many more miles did Natalie drive than Patrick?

3. There were 60 people at the school's first talent show. Only 53 people came to the second show, 46 people came to the third show, and 39 people came to the fourth show. If the pattern continues, how many people can the school expect for the fifth show?

Grade 3 • Mathematics Review Day 151

1. A hill near Lakewood measures 345 feet. Which does not name 345?

    A.   34 hundreds, 5 ones
    B.   345 ones
    C.   34 tens, 5 ones
    D.   3 hundreds, 4 tens, 5 ones

2. The third grade is collecting soda cans. The table shows the number of cans collected so far.

Third Grade Class	Number of Cans Collected
Ms. Clinton	35
Ms. Reagan	28
Ms. Bush	57

    How many cans have been collected in all?

3. Your class wants to buy a birthday gift for the teacher that costs $55.00. If the class saved $5.00 a week, how many weeks will it take for them to have enough money?

    A.   11   B.   12
    C.   13   D.   60

4. Which might be the temperature on a hot day?

    A.   46°F   B.   56°F
    C.   68°F   D.   89°F

1. Tanya has 19 colored pencils. She wants to share them with her friend, Ashley as equally as possible without breaking the pencils. Find two ways to illustrate how Tanya could share her pencils so she and Ashley have almost the same number. Use pictures and number sentences to show how you solved the problem.

1.   Darryl wanted to buy 3 decks of cards at $1.99 each and 3 packs of gum at $ .69 each. What is the best **estimate** of the amount he will spend?

    A. $6.00
    B. $7.00
    C. $8.00
    D. $9.00

2.   Marshal saw key deer, alligators and herons in the Everglades. He saw three times as many alligators as key deer. If he saw 2 key deer, how many alligators did he see?

3.   There are 18 dolphins in a lagoon. Seven dolphins have names. How any need names?

Grade 3 • Mathematics Review Day 154

1. Which is NOT a way to show thirty-five?

   A. 35
   B. 3 tens, 5 ones
   C. 30 + 5
   D.
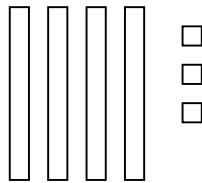
2. Dominic has the following sticks. What shape could be made with the sticks.

   | 5 inches |

   | 3 inches |

   | 5 inches |

   | 3 inches |
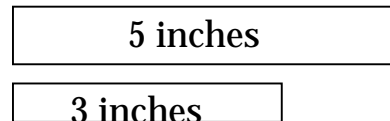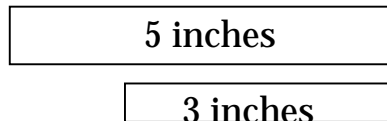
   A. Triangle   B. Rectangle
   C. Square   D. Trapezoid

3. How are these numbers the same

   16   6   8   48   78   26   32

   A. You say them when you skip count by fives.
   B. You say them when you skip count by threes.
   C. They are even numbers.
   D. They are odd numbers.

1. Michelle needed to draw a right angle on the dotted paper. Is she right?
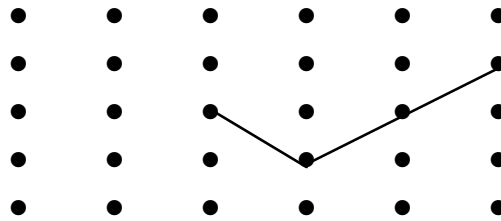
    Explain your answer.

2. The third grade took a survey to find out what people wanted to eat at the Fall Festival. 15 people wanted hamburgers, 23 wanted chicken, 8 wanted hot dogs and 14 wanted tuna salad.

    A. Complete the table. Use tally marks that show the information.

    Third Graders' Fall Festival Food Choices

Hamburgers	
Chicken	
Hot Dogs	
Tuna Salad	

    B. Which food is liked by most third graders?

Grade 3 • Mathematics Review Day 156

1. Marsha ate a bowl of chili for lunch, What is the best estimate of how much chili she ate?

   A. About one cup
   B. About one quart
   C. About one gallon
   D. About one liter

2. Sarah ate this much of a candy bar.
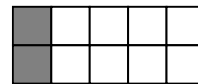
   Her teacher wants her to tell the amount of candy she ate using a fraction other than $\frac{2}{10}$.

   Which of these fractions could she use?

   A. $\frac{1}{4}$ B. $\frac{1}{5}$ C. $\frac{2}{20}$ D. $\frac{3}{20}$

3. Danielle is learning sign language. The chart below shows her progress.

Month	# of signs
Jan.	67
Feb	82
March	
April	113
May	141

   Which number is a reasonable amount of signs for her to know by March?

   A. 31   B. 98
   C. 110   D. 115

Grade 3 • Mathematics Review Day 157

1.   Geovanni bought a baseball mitt for $16.27. He gave the sales clerk $20.00.

      a)   How much change should Giovanni get back?

      b)   What coins and bills could the clerk use to give the change to Giovanni.

      c)   Explain how you solved this problem.

2.   Walter had 3 quarters, 4 dimes, 2 nickels and 7 pennies. How much money does he have?

      A. $1.32
      B. $1.27
      C. $1.17
      D. $1.07

3.   Aaron and Kaisha played chess. This chart shows the number of games each person won. Each game won was worth 2 points.

Winning Games

Aaron	X	X	X	X	
Kamisha	X	X			

How many more points did Kamisha score?

A.   2   B.   4   C.   6   D.   8

1.   What number can be written as 700 + 20 + 4?

2.   Sandy weighs 57 pounds. Her older brother weighs 30 pounds more than Sandy. How much does her brother Bobby weigh?

3.   The students at Bonkers Elementary School earned these average allowances.

   Grade 4: $5.00
   Grade 5: $4.00
   Grade 6: $6.00

   What is the average weekly allowance for Grades 4, 5, and 6?

1. Twenty-eight students participate in the B.O.N.U.S. Science Program. They are divided into equal size groups for the activities. If there are 4 groups, how many students are there in each one?

2. Which shape has a live of symmetry?

    A.

    B.

    C.

    D.
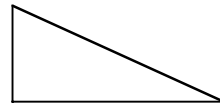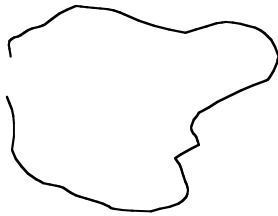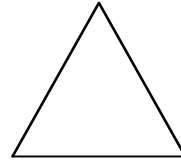
1. John was required to name this figure two ways.

C   D
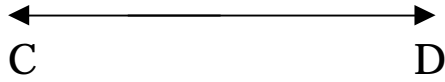
What are the two ways?

2. A manatee weighs about 1,500 pounds. About how much will 3 manatees weigh?

3. Which of these figures show a line of symmetry?

A.   B.   C.
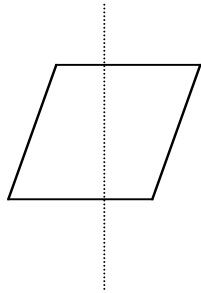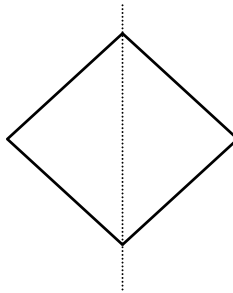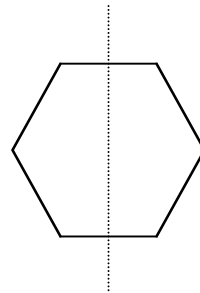
1. Selma noticed that three letters in her name are symmetrical and one letter that is not. Print Selma's name in capital letters.

   Circle the letters that are symmetrical.

   Draw the vertical or horizontal line of symmetry for each circled letter.

   Explain why the other letters are not symmetrical.

2. Sally got home from vacation on August 25th after riding the train all day. During her vacation, she spent two days riding the train to her grandparents, eight days with her grandparents, three days with her cousins, and two days on the train coming home. What was the first day of Sally's vacation?

AUGUST

Su	M	Tu	W	Th	F	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

1. During one basketball season Biff tried 465 free throws. He made 334 of them. How many did he miss?

2. To make a chocolate pie, you need 12 ounces of chocolate. The chocolate comes in bars of 9.5 ounces. Since you have to buy 2 bars of chocolate, how much extra chocolate will you have?

3. Kendrick has a cube and wants to write a number on each face. How many numbers must he use?

1. Marissa spent 2 quarters and 2 nickels. Matthew spent
    l half dollar and l dime. Jacinto spent l quarter, 2 dimes
    and 3 nickels. Who spent the most?

    A. Marissa
    B. Matthew
    C. Jacinto
    D. They all spent the same.

2. What does the picture tell you about the flour?
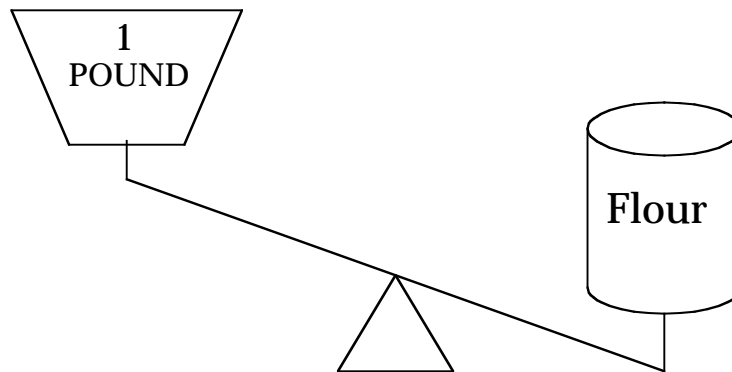
    A. It weighs more than 2 pounds
    B. It weighs exactly l pound
    C. It weighs less than l pound
    D. It weighs more than 1 pound

2. Kareem has a bag with 68 blue chips, 38 red chips, 17
    yellow chips and 2 green chips. Which chips could be
    in his hand?
    A. 3 green, 1 red, 2 yellow
    B. l black, 6 blue, 5 red
    C. 7 white, 3 yellow, 1 green
    D. 10 blue, 13 yellow, 2 red

1. By Tuesday, the third grade students sold 42 packages of gift wrap paper. On Friday three students each brought in ten more gift wrap paper orders. How many packages of gift wrap paper did the third graders sell in all?

    Explain.

2. John drew the following shapes in his "double" book. Which shape has a line of symmetry?

    A.   B.   C.   D.
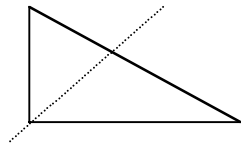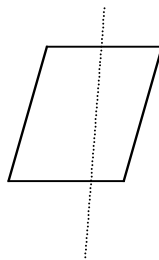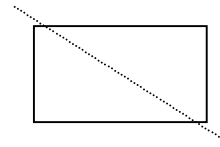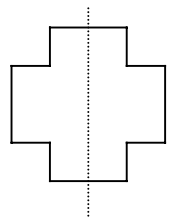
    A.   Figure A   B.   Figure B
    C.   Figure C   D.   Figure D

2. Choose the event that is certain to happen tomorrow.
    A.   An elephant will fly
    B.   It will rain in New York
    C.   The sun will rise
    D.   You will go to the movies

1. What measurement is best for measuring the amount of water in a fish tank?

    A. Cup   B. Pint
    C. Quart   D. Gallon

2. At the Florida Museum of Natural History, Brawley visits the gift shop. There are mugs for $3.99, T-shirts for $5.98, posters for $2.50 and dinosaur models for $12.99. Which souvenir costs the least?

3. The population of Suwanee County is 26,780. The 6 has the value of :

    A. 6 hundred
    B. 6 thousand
    C. 6 ten thousand
    D. 6 million

1. Sammie needs 20 pies for a party. She has baked 10 of them. His two aunts have baked 2 pies each. His mother has baked 3. Sammie hopes her father will bake the rest. How many pies will her father have to bake?

    Write your answer:

    Explanation:

1. Find the missing number in the pattern.

   3,460   3,560   3,660   _____

2. Alligator stamps cost $2.25. If Lenore gives the clerk $5.00. How much change will she get back?

3. You have $5.00 to spend which two items could you buy?
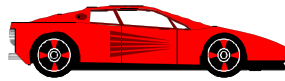
   $3.89 $2.99 $1.89

4. A boater went 38 miles north from Key Largo to fish. He then turned and went south 23 miles. How many miles did he travel in all?

5. Caridad is sending a box of grapefruit to her cousin. Choose the best estimate for the weight of the box.
   A.   4 oz.
   B.   4 lb.
   C.   4 quarts
   D.   4 gallons

1. Carla wants to buy a ticket to go to the concert. Tickets cost $8.75 each. Use the chart to answer the following question.

    Ways to earn money

Sweep Floor	$1.00
Mow Lawn	$2.35
Wash Car	$1.50
Walk Dog	$2.00

    How many times will she have to wash the car to earn enough for a ticket?

    Explain your answer.

2. Ravel's father wanted to tour St. Augustine, Florida. He read the following sign at the tourist center.

    Tours of St. Augustine, Florida
    Train Tickets
    Adult $7.50   Child $2.50
    Horse and Carriage Rides
    Adult $6.00   Child $3.00

    Ravel's father paid $20.00 for 2 adults and 2 children. Which tickets did he buy?

    Explain how you got your answer.

1. Monique had 14 baseball cards. She gave a few to some of her friends then, she had 5 left. How many did she give away?

2. Use the digits to make the sentence true.

    | 8 | | 5 | | 4 |

    | | | | > **845**

3. Potato chips cost $ .69. An apple costs $ .47. A pen costs $ .79.

    Which is the least expensive item?

1. On a field trip to the Museum of Discovery and Science, Kendra sent $4.95 on lunch and $12.45 on a puzzle. Estimate how much money she spent in all.

2. Jean's schedule for her piano lessons was damaged when she spilt water on it. Look for a pattern in what is left of the schedule.

Piano Lessons

Monday	11:30AM
Tuesday	11:45PM
Wednesday	_____
_____	12:15PM
	12:30PM
Saturday	_____

Fill in the missing days and times.

Explain how you filled in the pattern.

Grade 3 Mathematics Review Day 171

1. Look at the clock. It shows the time Courtney's meeting ended. The meeting lasted for 3 hours. What time did the meeting start?

   A.   1:30 P.M.
   B.   3:30 P.M.
   C.   6:30 P.M.
   D.   12:30 P.M.
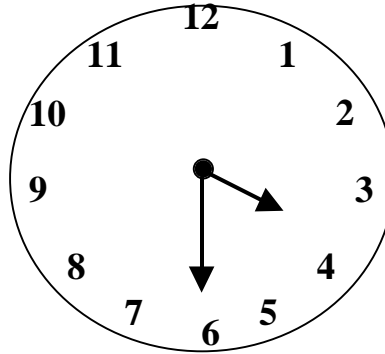
2. Rudy looked at the clock at 4:30 P.M. and realized that her dance recital that started two hours ago would be over in 30 minutes.

   Draw 3 clock faces. On the first clock, show the time the dance recital started. On the second clock, show the time Rudy looked at the clock. On the third show the time the recital will be over.

   Label each clock as follows:
   Recital started, Rudy looked at clock, Recital will end.

Grade 3 Mathematics Review Day 172

1. Sam, Sue, and Sonya each threw a rubber ball as far as they could. Sam threw it 7.6 yards, Sue threw it 10 yards and Sonya threw it 6.9 yards. Who threw it the farthest?

   A. Sam
   B. Sue
   C. Sonya

2. Nelson bought a book on reptiles for $11.65 and a water bottle for $8.75. How much did he spend in all?

3. Jared took the amount of money shown below out of his pocket. How much money did he have?

1.   The number of students at Ames School is 2 hundred
      more than the number shown in the box. How many
      students are at Ames School?

207

2.   Write the temperature shown on this thermometer.

      30

      20

      10
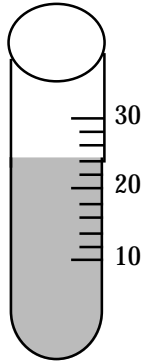
3.   Tickets to the carnival are $6 for adults and $2 for
      children. In Jordana's family there are 2 adults and 3
      children. How much will they have to pay?

1. Which has the same product as 2 x 600?

   A. 3 x 200
   B. 3 x 400
   C. 3 x 500
   D. 3 x 600

2. What is the best estimate for the length of a basketball court?

   A. 50 inches
   B. 50 centimeters
   C. 50 yards
   D. 50 miles

3. Victoria made a chart comparing the heights of some of her friends in centimeters.

My Friends

Name	Height in centimeters
Alan	95
Rita	117
Sam	101
Tamara	109

   Which friend is the shortest?
   A. Alan
   B. Rita
   C. Sam
   D. Tamara

Grade 3 Mathematics Review Day 175

1. Jocelyn gave the sales clerk a $10.00 bill to pay for a game that cost $4.98. How much change should she get?

   A. $14.98
   B. $6.02
   C. $5.22
   D. $5.02

2. Which has the same value as 1000 – 700?
   A. 700 – 300
   B. 900 – 600
   C. 10,000 – 7,000
   D. 1,000 + 700

3. The months of the year are written on these slips of paper.

January	February	March	April

May	June	July	February

September	October	November	December

   All of the slips of paper will be folded and placed in a paper bag. Without looking, one slip of paper will be taken from the bag.

   Which month is most likely to be chosen? Tell why.

1. What is the value of 2 in the number 162,309?

    A. 2
    B. 20
    C. 2 thousand
    D. 20 thousand

2. Lulu took some money to the fair. She spent half of her money on a T-shirt. Then she bought a flag for $2. She had 8 dollars left. How much money did she bring to the store?

3. Look at the diagram below:
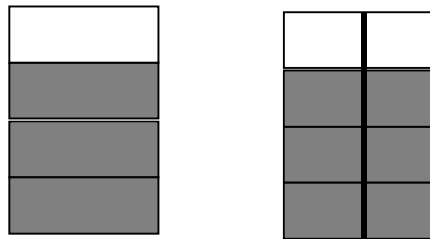
    Replace □ with a number to make this sentence true.

    $$\frac{3}{4} = \frac{\square}{8}$$

Grade 3 Mathematics Review Day 177

1. Which fraction tells the part that is shaded?
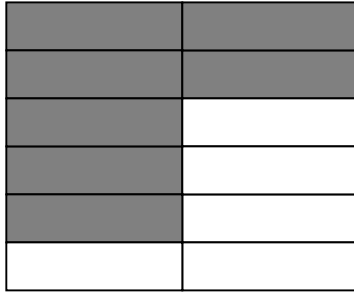
A. $\dfrac{5}{12}$ B. $\dfrac{5}{7}$ C. $\dfrac{7}{12}$ D. $\dfrac{7}{5}$

2. Kayla's class of 31 students was singing at the local Boy's Club. Only 7 students could have solos. How many students would <u>NOT</u> have solos?

3. This pictograph shows how many groups of children visited the museum last week.

Day	Groups to the Museum
	♣ = a group of 5 children
Mon.	♣ ♣ ♣
Tues.	♣ ♣
Wed	♣ ♣ ♣ ♣ ♣
Thurs.	♣
Fri.	♣ ♣ ♣ ♣

Which question below could you answer using the pictograph?
A. What time does the museum open in the morning?
B. How many groups of students visited the museum on Saturday and Sunday?
C. How many guides work in the museum each day?
D. On which day did the greatest number of groups visit the museum?

Grade 3 Mathematics Review Day 178

1. Which fraction is less than $\frac{1}{2}$?

    A. $\frac{3}{4}$ B. $\frac{5}{8}$ C. $\frac{2}{3}$ D. $\frac{1}{8}$

2. Find the fraction that shows the shaded part.
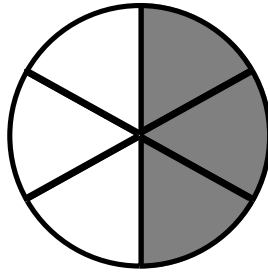
    A. $\frac{1}{4}$ B. $\frac{1}{6}$ C. $\frac{1}{3}$ D. $\frac{1}{2}$

3. Order from greatest to least.

    $\frac{2}{4}$ $\frac{3}{4}$ $\frac{4}{4}$

1. Which figure best represents a cube?

    A. B. C. D.
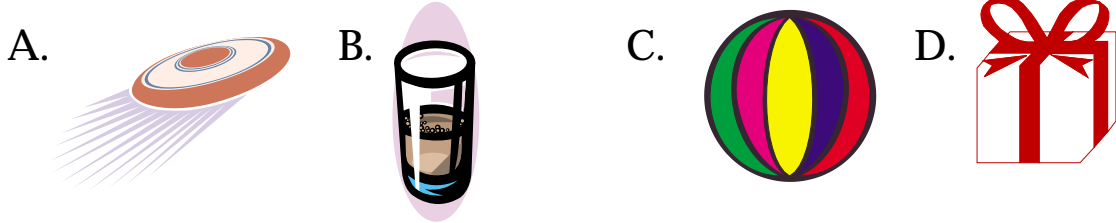
2. Which figure best represents a sphere?

    A. B. C. D.
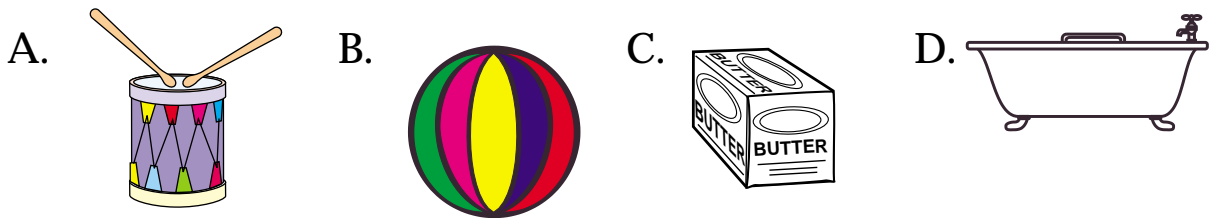
3. There are 7 crayons in each package. How many crayons are there in 9 packages? Choose the number sentence you should use to solve this problem.

    A.   7 x 7 = 49
    B.   7 + 9 = 16
    C.   9 – 7 = 2
    D.   9 x 7 = 63

4. Choose the fraction that shows the shaded part of the group.
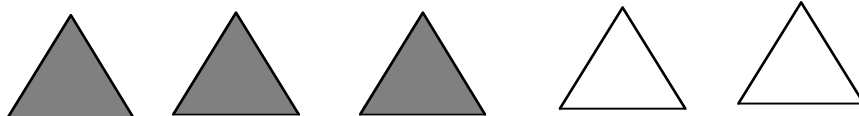
    A. $\dfrac{2}{5}$ B. $\dfrac{2}{3}$ C. $\dfrac{3}{5}$ D. $\dfrac{2}{4}$

Grade 3 • Mathematics Review Day 180

1. Which figure best represents a cone?

   A.   B.   C.   D.
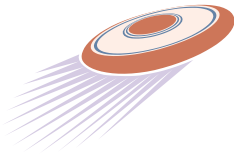
2. Which figure best represents a cylinder?
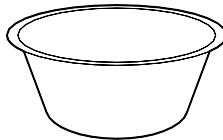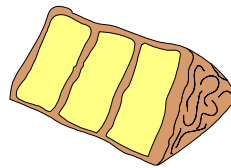
   A.   B.   C.   D.

3. Which picture shows 0.75 of the whole?

   A.
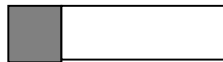
   B.

   C.

   D.

4. What is the greatest number that can be formed using the digits 4, 2, 7, 1?

Grid Sheet

A. $\$$

B.

C.

D.

FCAT

Daily Questions

Answer Key
Grade 3

Grade 3 ANSWER SHEET

Day 1
Answers: 1. 15 (A.3.2.1)
2. B (B.1.2.1)
3. B (D.1.2.2)

Day 2
Answers 1. D (A.3.2.2)
2. D (C.3.2.1)
2. D (D.2.2.1)

Day 3
Answers 1. 105 (A.3.2.1)
2. C (A.1.2.3)
2. 10 (D.1.2.2)

Day 4
Answers 1. 70 (A.3.2.1)
2. B (A.1.3.1)
2. C (A.3.2.2)

Day 5
Answers 1. Ring, 28 cents rounding (A.4.2.1)
2. A (E.1.2.1)

Day 6
Answers 1. B (D.1.2.1)
2. 16 (A.3.2.1)

Day 7
Answers 1. B (B.2.2.2)
2. C (C.3.2.1)
3. 104 < 215 (Hamsters < birds) (A.1.2.2)

Day 8

Answers   1.   2.   3.
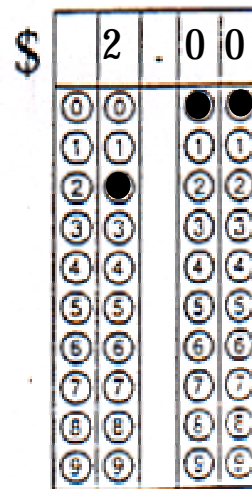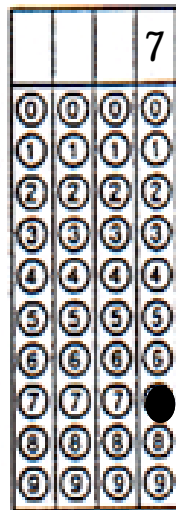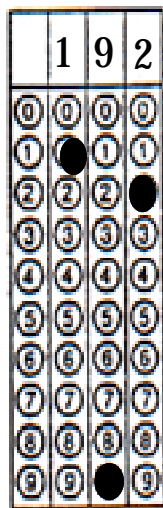
(A.3.2.3)   (left) 1,3,3 lb. Weights,   (D.2.2.2)
                 (right) 3,4 lb. Weights
                         (B.2.21)

Day 9

Answers   1. D (A.2.2.2)
           2. C (D.1.2.2)
           2. 16 ft. (C.3.2.1)

Day 10

Answers   1. The shape should have more than four squares
               shaded but less than 40 squares shaded (C.3.2.2)

Day 11

Answers   1. 7:45: Explanation: From left-to-right. The pattern
               increases by 30 minutes from clock to clock.   (B.1.2.1)
           2. C (D.2.2.4)

Day 12

Answers   1. A (A.1.2.4)
           2. D (C.2.2.2)
           2. C (A.1.2.2)

Day 13

Answers   1. 1/8, 1/4, 1/2 (A.1.2.2)
           2. A (D.2.2.2)
           3. C (D.1.2.1)

Day 14

Answers   1. A (A.5.2.1)
           2. 40 ft. (C.3.2.1)
           3. 8 turtles (D.2.2.2)

Day 15

Answers   1. D (A.1.2.2)
             2. B (A.2.2.1)
             2. 57 lbs. (E.1.2.2)

Day 16

Answers   1. B (A.1.2.1)
             2. B, rectangular prism (C.3.2.1)

Day 17

Answers   1. D (D.2.2.1)
             2. Jose   (A.1.2.3)
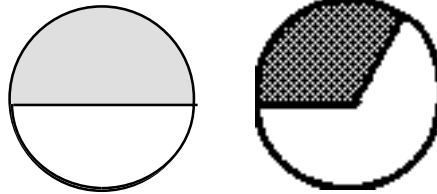
             3. D (C.2.2.1)

Day 18

Answers   1. 2 (C.2.2.1)
             2. D (A. 3.2.1)
             3. A (A.3.2.2)

Day 19

Answers   1. B (A.5.2.1)
             2. B (C.3.2.2)
             3. B (E.1.2.2)

Day 20

Answers   1.   C (D.1.2.2)
             2.   87, 27 Subtract 10 from the left column   (D.1.2.2)

Day 21

Answers   1. A (B. 2.2.1)
             2. D (C.3.2.2)
             2. 12 (D.1.2.2)

Day 22

Answers   1.   2.   3.

	1	0	0

		1	4

$ | 2 | . | 5 | 0 |
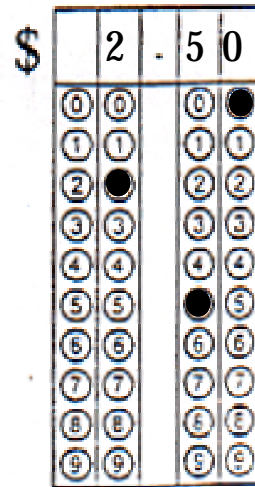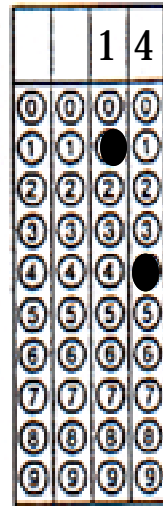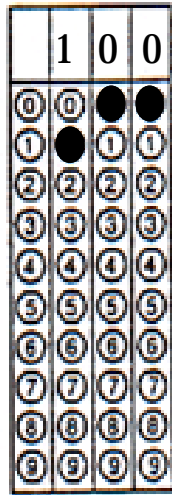
(A.3.2.3)   (B.1.2.2)   (D.2.2.2)

Day 23

Answers   1.   B (C.3.2.1)
              2.   Billy and Lisa (A.1.2.4)
              3.   B (A.3.2.1)

Day 24

Answers   1.   D (A.1.2.3)
              2.   B (C.2.2.1)
              3.   30 (D.2.2.1)

Day 25

Answers   1.   C 1 gallon (B.1.2.1.)
              2.

Life Preservers	7
Rafts	5
Sun Visors	3
Bottles of Sunscreen	4

(E.1.2.1)

Day 26

Answers   1.   A (A.1.2.4)
              2.   B (A.1.2.3)
              3.   A (C .2.2.2)

Day 27

Answers   1.   B (D.2.2.1)
              2.   B (B.2.2.1)
              3.   Sidney (A.1.2.4)

Day 28	
Answers	1. D (A.1.2.4) 2. 44 inches (C.3.2.1) 3. C (C. 3.2.1) 4. The pot that is 1/2 full. (A.1.2.4)

Day 29	
Answers	1. Pencils and eraser-: 19 cents Explanation When rounded to the nearest 10 cents the cost of the pencil and eraser together is 20 cents. All other combinations round to greater than 20 cents. (A.4.2.1) 2. B (E.2.2.2)

Day 30	
Answers	1. 53, 73 To find the number in the right column, add 20 to the number in the left column. (D.1.2.2)

Day 31	
Answers	1. Students should have written a number reflecting that there are more boys than girls. (A.1.2.2) 2. B (C.2.2.2) 3. 4 (D.2.2.1)

Day 32	
Answers	1. C (D.2.2.1) 2. C (A.1.2.4) 3. C (E.3.2.1)

Day 33	
Answers	1. $24.90 (A.1.2.4) 2. D (A.1.2.4) 2. A (E.1.2.2)

Day 34	
Answers	1. C (C.3.2.2) 2. 11:35;

Explanation: The time increases by 30 minutes.
(B.1.2.1)

Day 35	
Answers	1. B (B.4.1.2)
	2. Student answers will vary. They should have drawn three triangles, two of which should be the same size and the same shape. Those two triangles should be circled. Explanation: My two circled triangles are congruent because they are the same size and the same shape. The third one is not the same size and same shape so it is not congruent. (C.2.2.1).

Day 36	
Answers	1. Lawrence played more basketball because 54 is greater than 45. (A.1.2.2)
	2. B (D.2.2.1)

Day 37			
Answers	1.	2.	3.
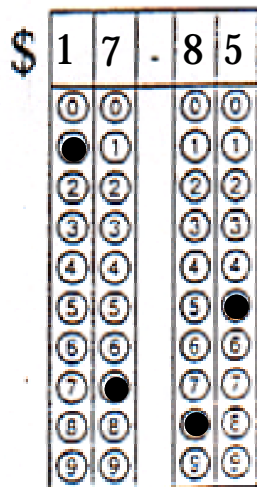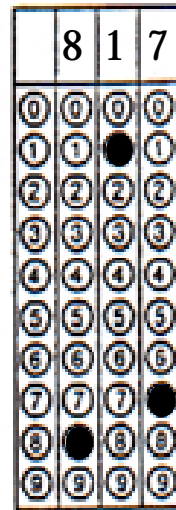
(A.1.2.4)   (A.3.2.3)   (B.2.2.1)

Day 38	
Answers	1. B (C.3.2.2)
	2. C (B.1.1.1)
	3. 5 (D.2.2.1)

Day 39	
Answers	1. Square or rectangle (C.3.2.1)
	2. D (D.1.2.2)

Day 40	
Answers	1. 2. 3.
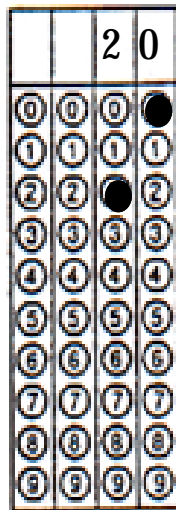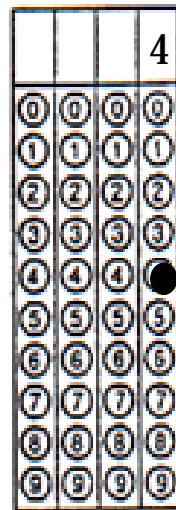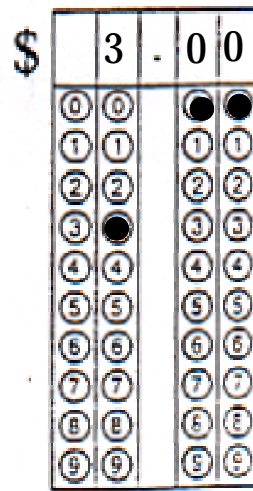
      (B.1.2.2)   (B.2.2.1)   (D.2.2.2)

Day 41	
Answers	1. 53, 73; Rule: Add 20 to the number on the left. (D.1.2.2)

Day 42	
Answers	1. B (C.3.2.2) 2. Either a dog or a cat because those are the animals that have the most votes. (E.1.2.3)

Day 43	
Answers	1. D (B.4.2.2) 2. Possible explanation: The amount of money increases by 6 cents for each can she recycles or she gets 6 cents per can (D.1.2.2)

Day 44	
Answers	1. D (A.2.1.2) 2. A (B.2.2.1) 3. D (A.3.2.1)

Day 45	
Answers	1. C (C.3.2.1) 2. Estimate $5.00 Explanation: Round $1.29 to $1.30, $2.51 to $2.50 and $1.19 to $1.20 Add together. (A.4.2.1)

Day 46	
Answers	1. He does not have enough money. He needs $1.12 more. (A.3.2.3)

Day 47

Answers 1.

Explanation: The pattern is large circle, 2 small circles, triangle. (D.1.2.1)

2. B (E.2.1.2)

Day 48

Answers 1. B (A.1.2.3)

2. Dogs 8 tally marks, Cats 6 tally marks, Birds 2 tally marks, Hamster 1 tally mark. (E.1.2.1)

Day 49

Answers 1. C (A.2.2.1)

2. D (D.1.1.2)

3. C (C.2.2.2)

Day 50

Answers 1. 2. 3.
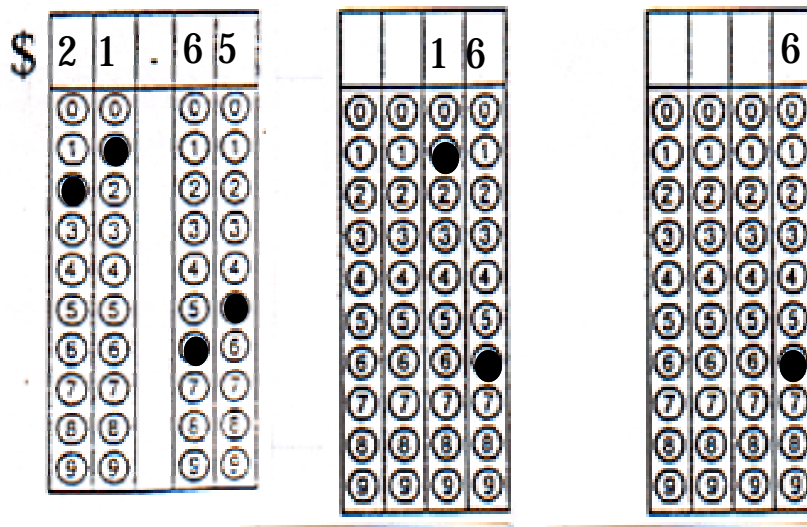
(A.1.2.4) (B.1.2.2) (B.2.2.1)

Day 51

Answers 1. B (B.2.2.2)

2. C (A.3.1.2)

2. C (D.1.2.2)

Day 52

Answers   1. A (A.1.2.3)
          2.
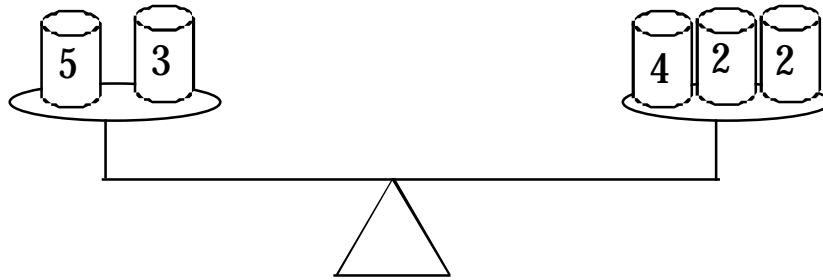
8 pounds on both sides. (B.2.2.1

Day 53

Answers   1. A (B.1.1.1)
          2. 3/12 or 1/4 (A.3.2.3)

Day 54

Answers   1. C (A.1.1.1)
          2. B (C.2.1.2)
          3. A (E.1.1.1)

Day 55

Answers   1. B (A.1.1.3)
          2. The amount of money received is seven the number
              of cans collected; multiply the number of cans by
              seven to find the amount of money received.
              (D.1.2.2)

Day 56

Answers   1. B (B.1.2.1)
          2. Estimate: 200 students Explanation: 118 is close to
              120, 76 is close to 80. Add them together to get 200.
              (A.4.2.1)

Day 57

Answers   1. D (B.3.2.1)
          2.   B (D.1.1.2)
          2.   A (C.3.2.2)

Day 58

Answers   1. A (A.1.1.3)
          2. 72 – 51 = 21 miles per hour (E.1.2.1)

Day 59

Answers   1. B (A.3.2.3)
          2. > ; Explanation: Subtract both sides and compare the
              numbers (A.1.2.4)

Day 60

Answers
1. D (D.1.2.2)
2.

△ △
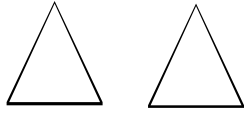
     Triangles; the triangles have the same shape and the same size. (C.1.2.1)

Day 61

Answers
1. 10 (C.1.2.1)
2. $3.98 (A.3.2.3)
3. 223 (A.3.2.3)

Day 62

Answers
1. Divide input number by 3 (D.1.2.2)
2. B (D.1.2.1)

Day 63

Answers
1. C (A.1.2.2)
2. 15 patients (D.2.2.1)

Day 64

Answers
1. 200 students; 79 rounds to 80 and 119 rounds to 120; 80 + 120 = 200 (A.4.2.1)
2. D (E.1.2.1)

Day 65

Answers
1. C (C.2.2.1)
2. 7:40 (B.1.1.

Day 66

Answers
1. C (A.1.2.3)
2. D (A.3.2.2)
3. A (A.5.2.1)

Day 67

Answers
1. 64, 44 Add 20 (D.1.1.2)
2. C (D.1.1.2)

Day 68

Answers
1. D (A.2.2.2)
2. One There are more ones than twos. (E.2.2.1)

Day 69

Answers
1. D (A.3.2.3)
2. A (A.1.2.4)
3. triangle (D.1.2.1)

Day 70

Answers
1. 4 outfits BY, BB, GY, GB (E.1.2.3)
2. D (A.1.2.3)
3. C (E.3.2.1)

Day 71	
Answers	1. B (A.1.2.2)
	2. C (A.4.2.1)
	3. D (D.2.2.1)

Day 72	
Answers	1. D (A.3.2.2)
	2. C (A.3.2.2)
	3. Answers will vary. (D.2.2.1)

Day 73	
Answers	1. C (B.4.2.2)
	2. 18, multiply by 3 (A.3.2.1)

Day 74	
Answers	Shape must have area > 4 square units but < 16 square units (C.3.2.1)

Day 75	
Answers	1. B (A.3.2.2)
	2. D (C.3.1.2)
	3. A (D.1.2.1)

Day 76	
Answers	1. 170; 78 rounds to 80;92 rounds to 90; 80 + 90 = 170 (A.4.2.1)
	2. A (A.1.2.4)
	2. Circle (D.1.2.1)

Day 77	
Answers	1. Perimeter > 8 units but < 18 units (C.3.2.1)
	2.

(D.1.1.2)

Day 78

Answers   1.   2.   3.

	3	0

		7

	1	9
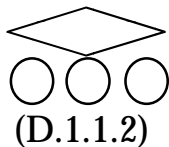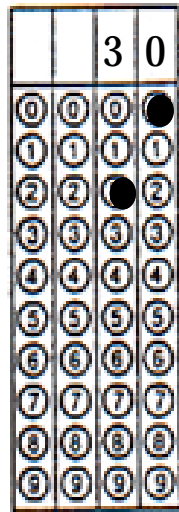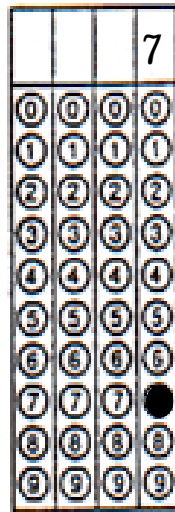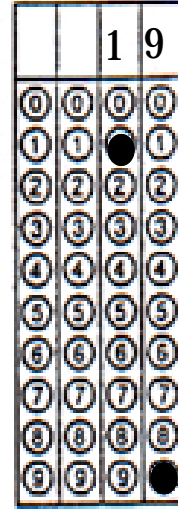
    (A.3.2.3)   (E.1.2.1)   (D.1.2.1)

Day 79

Answers   1. B   (C.1.2.1)
           2. 4   (A.1.2.4)
           3. B   (A.3.2.1)

Day 80

Answers   1. pencil and candle for 19¢; 12¢ + 7¢ = 19¢ < 20¢
        (A.4.1.1)
        2. 22 feet   (C.3.2.1)

Day 81

Answers   1. D   (C.3.2.2)
           2. C   (A.3.2.1)

           3. 3 packages of cookies.   18 x 2 = 36; 36 ÷ 12 = 3   (A.4.2.1)

Day 82

Answers   1. 3/8 of the pie; 3/10 of the cake.   (A.1.2.3)
           2. B   (D.1.2.1)

Day 83

Answers   1.   Favorite Team Names   ☺ = 2 votes   (E.1.2.1)

Panthers	☺
Dolphins	☺ ☺ ☺ ☺
Marlins	☺
Heat	☺ ☺
Hurricanes	☺ ☺ ☺ ☺

Day 84

Answers
1. 40 minutes (D.2.2.1)
2. D (A.1.2.2)
3. 398, 333, 329 (A.1.2.2)

Day 85

Answers
1. A (A.3.2.2)
2. A Three-fourths of the spinner is shaded A. (E.2.2.1)

Day 86

Answers
1. B (D.1.2.1)
2. 7; 4 + 4 − 6 + 2 − 1 + 4 = 7   (A.3.2.3)

Day   87

Answers
1. C (A.1.2.3)
2. D (D.1.2.1)
3. 8753 (A.2.2.1)

Day 88

Answers
1. C (A.5.2.1)
2. 25 cents. She receives 5 cents for each can. (D.1.2.2)

Day 89

Answers
1. A (E.2.2.2)
2. $1.70. $1.70 + .30 = $2.00   (A.1.2.4)

Day 90

Answers
1. 400 (A.4.2.1)
2. A (D.1.2.1)
3. D (E.1.2.2)

Day 91

Answers
1. 12,14, 16 2 times the in number gives the out number. (D.1.2.2)
2. 9,742 (A.2.2.1)

Day 92

Answers
1. C (A.3.2.2)
2. Student answers will vary.
Possibilities include a square, rectangle, rhombus, parallelogram, trapezoid. The shapes are congruent because they are the same size and same shape. (C.1.2.1)

Day 93

Answers
1. 15; multiply A by 3 to get B.   (D.1.2.1)
2. Cube   (C.3.1.1)

Day 94

Answers   1. 3,890 (A.3.2.2)
         2.

Activity	Number of Votes
Quiet reading	5
Art project	3
Word game	9
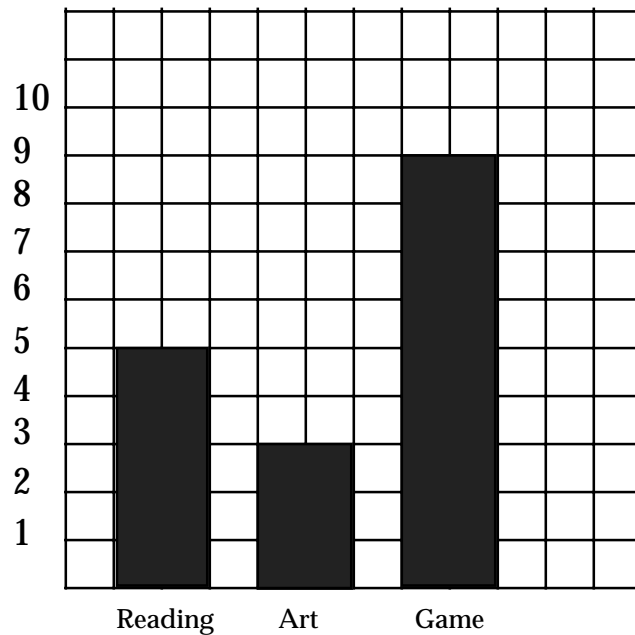
(E.1.2.3)

Day 95

Answers   1.
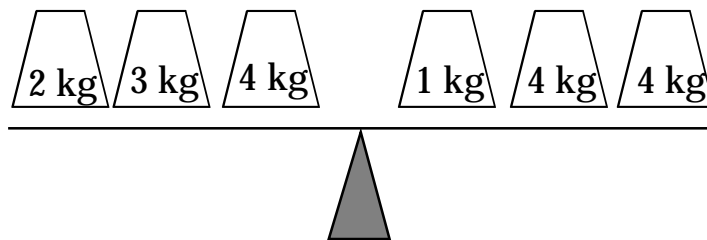
9 kg on each side (B.2.1.1)
     2. Possible descriptions: Group A; quadrilaterals; 4
       sided polygons; rectangle, square, trapezoid Group
       B: Polygons with more than 4 sides; pentagon,
       hexagon, octagon (C.1.2.1)

Day 96

Answers   1. B (C.2.2.2)
         2. 3 (D.2.2.2)
         3. 4 (D.2.2.2)

Day 97
Answers 1. 30 m (B.1.2.2)
2. Accept reasonable responses. Possible estimate: 2,1000 Possible explanation: I rounded 345 to 350. Then I multiplied 300 x 6 and 50 x 6. I then added 1,800 + 300 for my estimate of 2,100. (A.4.2.1)

Day 98
Answers 1. 8 (E.1.2.1)
2. A (A.3.2.1)
3. 10 (D.2.2.2)

Day 99
Answers 1. 6, 7, 8 Rule: Subtract 3 from the input number. (D.1.2.2)
2. Accept reasonable responses. Possible answer: 530 miles. Explanation: 312 is close to 310 and 221 is close to 220. Add 310 and 220 to get the estimate of 530 miles. (A.4.2.1)

Day 100
Answers 1. A (C.2.2.2)
2. Yes, 75 cents (A.1.2.4)

Day 101
Answers 1. 43 students. Explanation: I added the students that ride the bus, bike and ride in a car. (18+14+11) (E.1.2.1)
2. More than $10,000. Estimate: $11,000 Explanation: I rounded $3732 to 4,000 and rounded $6513 to $7,000. (A.4.2.1)

Day 102
Answers 1. 14 (D.2.2.2)
2. Too much information; $15.00 (A.3.2.3)

Day 103
Answers 1. B (A.5.2.1)
2. B (E..2.2)
3. 6 sandwiches (A.3.2.3)

Day 104
Answers 1. Check student responses for completeness and accuracy. (E.1.2.1)

Day 105
Answers 1. 6 (D.2.2.2)
2. Students answers for story problems will vary. (A.3.2.2)
2. 5 groups (A.3.2.3)

Day 106	
Answers	1. 80 cents (A.3.2.3)
	2. D (A.3.2.1)
	3. A (C.2.2.2)

Day 107	
Answers	1. 55, 75 (D.1.2.2)
	2. No, Jonathon has 2/5 chance, Jordan has 3/5 chance. (E.2.2.2)

Day 108	
Answers	1. Many possible answers. Check student responses for accuracy (B.1.2.2)
	2. 36 (A.1.2.3)

Day 109	
Answers	1. Divide by 2. 10, 15 (D.1.2.2)
	2. A (A.1.2.3)
	3. 5 yards (B.1.2.2)

Day 110	
Answers	1. D (B.3.2.1)
	2. MLC, MCL, CLM, CML, LMC, LCM 6 ways (E.2.2.1)

Day 111	
Answers	1. D (D.2.2.1)
	2. 5 (A.3.2.3)
	3. 2nd & 3rd figures (C.2.2.1)

Day 112	
Answers	1. 5 (A.3.2.3)
	2. 45 minutes (B.2.2.1)
	3. 6.2 miles (A.3.2.3)

Day 113	
Answers	1. A: 1st row: 10, 12; 2nd row: 12, 15, 18 B. 24
	2. T, because it takes up more area

Day 114	
Answers	1. D (C.3.2.1)
	2. The figure should have an area > 5 square units but < 10 square units. (A.1.2.3)

Day 115	
Answers	1. D (E.2.2.2)
	2. D (A.1.2.3)
	3. 18 (D.1.2.2)

Day 116	
Answers	1. A. 6 B. PTA, TAP, PAT, PTA, ATP, APT (E.2.2.1)
	2. A (A.3.2.1)

Day 117

Answers   1. Answers will vary (C.3.2.2)
            2. 15 minutes   (A.3.2.3)

Day 118

Answers   1. Answers will vary (B.2.2.2)
            2. A   (A.1.2.3)
            3.   Subtract 6   (D.1.2.2)

Day 119

Answers   1. C (B.2.2.1)
            2. C   (B.4.2.2)
            3. A (A.3.2.2)

Day 120

Answers   1. C (B.2.2.2)
            2. Animal: 12 sq yd; Plant: 27 sq yd; the figure drawn
                should have an area > 12 sq yds but < 27 sq yds
                (B.1.2.1)

Day 121

Answers   1. Each month rounds to 30 days; 30 x 1/2 = 15 hours
                (A.4.2.1)

Day 122

Answers   1. 15 rectangles   (C.3.2.1)
            2.   Playground Equipment

Jump ropes	7
Basketballs	5
Footballs	3
Soccer balls	4

                    (A.1.2.3)

Day 123

Answers   1. 15 flowers (A.3.2.3)
            2. B (A.3.1.3)
            2. C (E.3.2.1)

Day 124

Answers   1.   2.   3.
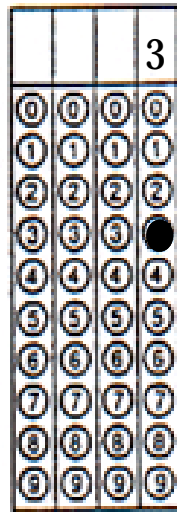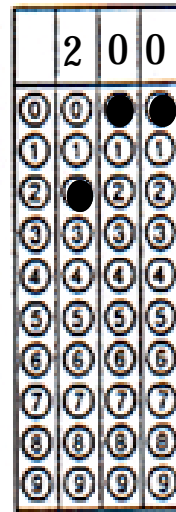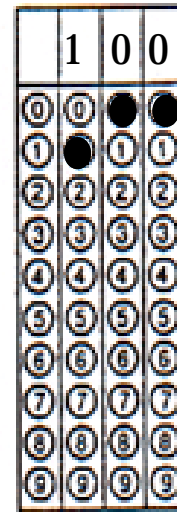
    (D.2.2.2)   (B.2.2.2)   (A.3.1.3)

Day 125

Answers   1.   57 minutes (A.3.2.3)
                2.   75, 85; Add 10 (D.1.2.2)

Day 126

Answers   1.   Monday, because there are 2 slips with Monday, and
                     only 1 with the other days. (E.2.2.2)

Day 127

Answers   1.   D   (E.2.2.2)
                2.   48   (A.3.2.3)
                3.   B   (B.2.2.1)

Day 128

Answers   1.   All months round to 30 days; 30 x 2 = 60. In 6 months
                     he would drink 360 liters of water. (B.3.2.1)
                2.   13, 11;add 7 (D.1.2.2)

Day 129

Answers   1.   About 81, most hours increase by 2. (E.3.2.2)
                2.   38 yds.   (B.1.2.2)

Day 130

Answers   1.   14° Celsius
                2.   Each month has equal likelihood of being chosen.
                     (E.2.2.2)

Day 131

Answers   1. A (B.1.2.2)

2.

# of tickets	Value of Prize
10	$2 .00
12	$2.50
14	$3.00
16	**$3.50**
18	$4.00
20	**$4.50**
22	**$5.00**
24	5.50
26	**$6.00**

For every 2 tickets the price increased $.50. (D.1.2.1)

Day 132

Answers   1. B (B.1.2.2)

2.   Weather in June

(E.1.2.3)
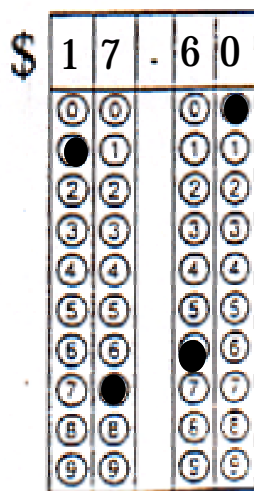
Day 133

Answers   1.   2.   3.
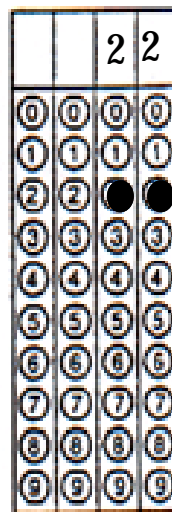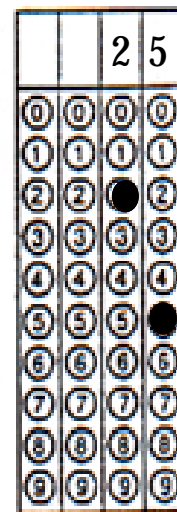
      (A.1.2.4)   (B.4.2.2)   (A.3.2.1)

Day 134

Answers   1. Add 4 (D.1.2.2)

2. $240; $380 - 140 = $240 (A.4.2.1)

Day 135	
Answers	1. 4 cards, 3 x 3 = 9, 9 – 5 = 4 or use pictures (A.2.2.1)

Day 136	
Answers	1. D (E.3.2.1) 2. C (E.3.2.1) 3. C (E.3.2.1)

Day 137	
Answers	1. 16 plates
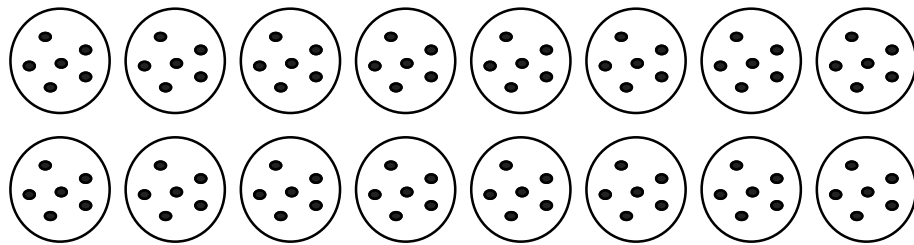
(D.2.2.2)
2. 1/4 (E.1.2.3)

Day 138	
Answers	1. C The two triangles do not have the same shape and size. (C.2.2.1) 2. C (A.1.1.3)

Day 139	
Answers	1. B (A.4.2.1) 2. 5 qts, 2 cups x 10 children = 20 cups ; 4 cups = 1 quart; 20 cups ÷ 4 cups = 5 qts (B.1.2.2)

Day 140	
Answers	1. A (C.1.2.1) 2. 32 riders (D.1.2.2) 3. 7:25 (A.2.1.1)

Day 141	
Answers	1. Blue (E.2.2.2) 2. C The figures have the same shape but not the same size.(C.2.2.1)

Day 142	
Answers	1. Refer to the figures drawn. The figures should be squares. Congruent shapes have the same size and shape. (C.1.2.1)

Day 143	
Answers	1. 3,871 (A.1.2.1) 2. 406 (A.3.1.2) 3. 16 T-shirts (D.1.2.2)

Day 144

Answers
1. 451 students (A.3.2.2)
2. 10 tokens $9 - $4 = $5 $5 ÷ .50 = 10 (B.3.2.1)
3. A (A.3.2.2)

Day 145

Answers
1. B (A.1.2.1)
2. 71 people   (A.3.1.3)
3. 549 miles (A.3.1.3)

Day 146

Answers

Camper's Color Vote

Color	Number of Campers
Red	2
Green	3
Yellow	5

Camper's Color Vote

Color

	1	2	3	4	5
Red					
Green					
Yellow					

Number of Votes
(E.1.2.1)

Day 147

Answers
1. A (C.2.2.2)
2. 118 burgers (A.3.2.1)
3. 4 (B.3.2.1)

Day 148

Answers   1.   2.   3.
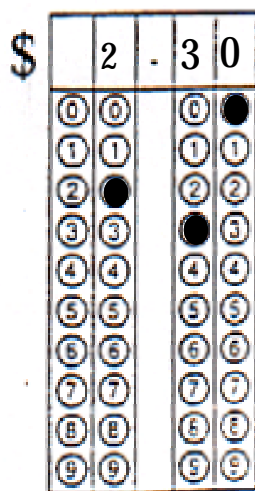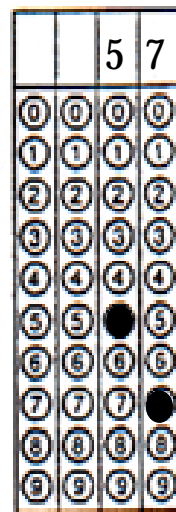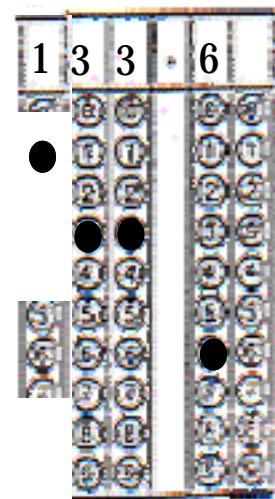
(A.3.2.3)   (A.2.1.2)   (A.3.2.2)

Day 149	
Answers	1. $5.97 (A.3.2.1)
	2. About $45 (B.3.2.1)
	3. 16 inches (B.1.2.2)

Day 150	
Answers	1. B (C.1.2.1)
	2. 58 miles (B.3.2.1)
	3. 32 (D.1.2.2)

Day 151	
Answers	1. A (A.5.1.1)
	2. 120 (A.3.1.2)
	3. A (A.3.2.3)
	4. D (B.1.1.1)

Day 152	
Answers	1. The picture should show two sets of 9 pencils with one left over. 19 ÷ 2 = 9, remainder 1 (A.3.2.3)

Day 153	
Answers	1. C (B.3.2.1)
	2. 6 (A.3.2.2)
	3. 11 (A.3.1.2)

Day 154	
Answers	1. D (A.5.1.1)
	2. B (A.1.1.1)
	3. C (C.1.2.1)

Day 155	
Answers	1. No, right angles have 90 degrees. (C.1.2.1)
	2. A) **Third Graders' Fall Festival Food Choices**

Hamburgers	IIII IIII IIII
Chicken	IIII II IIIIII IIIIIII
Hot Dogs	IIII III
Tuna Salad	IIII II IIIII II

B) Chicken (E.1.2.1)

Day 156	
Answers	1. A (B.1.1.1)
	2. B (A.3.2.3)
	3. B (E.1.2.3)

Day 157	
Answers	1. A) $3.73 B) 3 dollars, 2 quarters, 2 dimes, 3 pennies C) Subtract $16.27 from $20 (A.1.2.4)
	2. A (A.3.2.3)
	3. B (E.1.2.1)

Day 158

Answers   1.   2.   3.
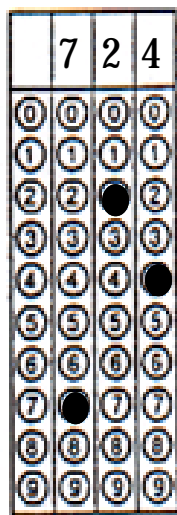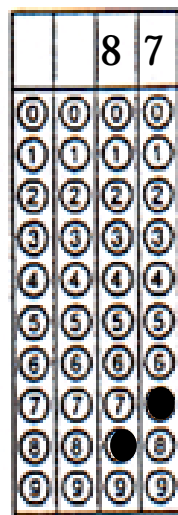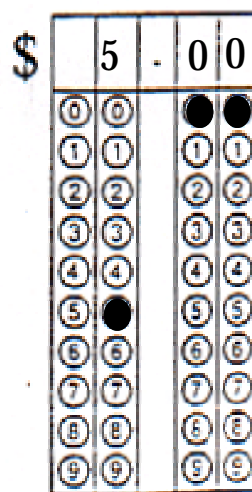
(A.1.2.1)   (B.1.2.2)   (E.1.2.2)

Day 159

Answers   1. 7 (A.3.2.1)
          2. D (C.2.2.1)

Day 160

Answers   1. Line CD or line DC (C.1.2.1)
          2. 4500 pounds (B.1.2.2)
          3. B and C (C.2.2.1)

Day 161

Answers   1.

          The S and the L cannot be divided by a line in such a
          way that each side is identical. (C.2.2.1)
          2. August 11th (A.3.2.2)

Day 162

Answers   1. 131 (A.3.2.2)
          2. 7 ounces (B.3.2.1)
          3. 6 (C.3.2.1)

Day 163

Answers   1. D (A.3.2.3)
          2. D (B.3.1.1)
          3. D (E.1.2.3)

Day 164

Answers   1. 72 ,   42 + 10(3) = 72 (A.3.2.3)
          2. D (C.2.2.1)
          3. C (E.2.2.2)

Day 165

Answers   1. D (B.2.2.2)
                2. poster (A.3.2.2)
                3. B (A.3.2.3)

Day 166

Answers   1. 3; 10 + 2 x 2 + 3 = 17; 20 − 17 = 3 (A.3.2.2)

Day 167

Answers   1. 3760 (D.1.2.2)
                2. $2.75 (A.3.2.3)
                3. The boat and the turtle. (A.4.2.1)
                4. 61 miles (A.3.2.2)
                5. B (B.2.2.2)

Day 168

Answers   1. 6; 6 x 1.50 = 9.00   the cost of a ticket is $0.25 less than
                     what Carla will make. (A.3.2.2)
                2. Train tickets; 2 x 7.50 + 2 x 2.50 = $20.00 (A.3.2.2)

Day 169

Answers   1. 9 (A.3.1.3)
                2. 854 (A.1.1.2)
                3. an apple (A.3.1.2)

Day 170

Answers   1. $17 to $18   (A.4.2.1)
                2. Time increases by 15 minutes each day.   (D.1.2.2)

Day 171

Answers   1. D (B.1.2.2)
                2. 3 clocks showing 2:30, 4:30, 5:00

Day 172

Answers   1. B (A.3.2.2)
                2. $20.40 (A.3.2.2)
                3. $5.73 (B.3.2.1)

Day 173

Answers   1. 407 (A.3.2.3)
                2. 24 degrees (B.4.2.2)
                3. $18 (A.3.2.3)

Day 174

Answers   1. B (A.1.2.4)
                2. C (B.3.2.1)
                3. A (A.1.2.2)

Day 175

Answers
1. D (A.3.2.3)
2. B (A.3.2.1)
3. February, because there are 2 and only 1 of each of the others. (E.2.2.2)

Day 176

Answers
1. C (A.2.2.1)
2. $20 (A.3.2.3)
3. 6 (A.1.2.4)

Day 177

Answers
1. C (A.1.2.3)
2. 24 (A.3.2.3)
3. D (E.3.2.1)

Day 178

Answers
1. D (A.1.2.4)
2. D (A.1.2.2)
3. 4/4, 3/4, 2/4 (A.1.2.2)

Day 179

Answers
1. D (C.1.2.1)
2. D (C.1.2.1)
3. D (A.3.2.2)
4. C (A.1.2.3)

Day 180

Answers
1. C (C.1.2.1)
2. D (C.1.2.1)
3. D (A.1.2.3)
4. 7421 (A.1.2.3)

FCAT

Daily Questions

Correlations
Grade 3

Third Grade Mathematics Dailies Correlations

BENCHMARK	DAY	ITEM	BENCHMARK	DAY	ITEM
A.3.2.1	1	1	D.2.2.2	13	2
B.1.2.1	1	2	D.1.2.1	13	3
D.1.2.2	1	3	A.5.2.1	14	1
A.3.2.2	2	1	C.3.2.1	14	2
C.3.2.1	2	2	D.2.2.2	14	3
D.2.2.1	2	3	A.1.2.2	15	1
A.3.2.1	3	1	A.2.2.1	15	2
A.1.2.3	3	2	E.1.2.2	15	3
D.1.2.2	3	3	A.1.2.1	16	1
A.3.2.1	4	1	C.3.2.1	16	2
A.1.3.1	4	2	D.2.2.1	17	1
A.3.2.2	4	3	A.1.2.3	17	2
jA.4.2.1	5	1	C.2.2.1	17	3
A.4.2.1	5	1	C.2.2.1	18	1
E.1.2.1	5	2	A.3.2.1	18	2
D.1.2.1	6	1	A.3.2.2	18	3
A.3.2.1	6	2	A.5.2.1	19	1
B.2.2.2	7	1	C.3.2.2	19	2
C.3.2.1	7	2	E.1.2.2	19	3
A.1.2.2	7	3	D.1.2.2	20	1
A.3.2.3	8	1	D.1.2.2	20	2
B.2.2.1	8	2	B.2.2.1	21	1
D.2.2.2	8	3	C.3.2.2	21	2
A.2.2.2	9	1	D.1.2.2	21	3
D.1.2.2	9	2	A.3.2.3	22	1
C.3.2.1	9	3	B.1.2.2	22	2
C.3.2.2	10	1	D.2.2.2	22	3
B.1.2.1	11	1	C.3.2.1	23	1
D.2.2.4	11	2	A.1.2.4	23	2
A.1.2.4	12	1	A.3.2.1	23	3
C.2.2.2	12	2	A.1.2.3	24	1
A.1.2.2	12	3	C.2.2.1	24	2
A.1.2.2	13	1	D.2.2.1	24	3

Third Grade Mathematics Dailies Correlations

BENCHMARK	DAY	ITEM	BENCHMARK	DAY	ITEM
B.1.2.1	25	1	B.2.2.1	37	3
E.1.2.1	25	2	C.3.2.2	38	1
A.1.2.4	26	1	B.1.1.1	38	2
A.1.2.3	26	2	D.2.2.1	38	3
C.2.2.2	26	3	C.3.2.1	39	1
D.2.2.1	27	1	D.1.2.2	39	2
B.2.2.1	27	2	B.1.2.2	40	1
A.1.2.4	27	3	B.2.2.1	40	2
A.1.2.4	28	1	D.2.2.2	40	3
C.3.2.1	28	2	D.1.2.2	41	1
C.3.2.1	28	3	C.3.2.2	42	1
A.1.2.4	28	4	E.1.2.3	42	2
A.1.2.4	28	4	B.4.2.2	43	1
A.4.2.1	29	1	D.1.2.2	43	2
E.2.2.2	29	2	A.2.1.2	44	1
D.1.2.2	30	1	B.2.2.1	44	2
A.1.2.2	31	1	A.3.2.1	44	3
C.2.2.2	31	2	C.3.2.1	45	1
D.2.2.1	31	3	A.4.2.1	45	2
D.2.2.1	32	1	A.3.2.3	46	1
A.1.2.4	32	2	D.1.2.1	47	1
E.3.2.1	32	3	E.2.1.2	47	2
A.1.2.4	33	1	A.1.2.3	48	1
A.1.2.4	33	2	E.1.2.1	48	2
E.1.2.2	33	3	A.2.2.1	49	1
C.3.2.2	34	1	D.1.1.2	49	2
B.1.2.1	34	2	C.2.2.2	49	3
B.4.1.2	35	1	A.1.2.4	50	1
C.2.2.1	35	2	B.1.2.2	50	2
A.1.2.2	36	1	B.2.2.1	50	3
D.2.2.1	36	2	B.2.2.2	51	1
A.1.2.4	37	1	A.3.1.2	51	2
A.3.2.3	37	2	D.1.2.2	51	3

Third Grade Mathematics Dailies Correlations

BENCHMARK	DAY	ITEM	BENCHMARK	DAY	ITEM
A.1.2.3	52	1	A.5.2.1	66	3
B.2.2.1	52	2	D.1.1.2	67	1
B.1.1.1	53	1	D.1.1.2	67	2
A.3.2.3	53	2	A.2.2.2	68	1
A.1.1.1	54	1	E.2.2.1	68	2
C.2.1.2	54	2	A.3.2.3	69	1
E.1.1.1	54	3	A.1.2.4	69	2
A.1.1.3	55	1	D.1.2.1	69	3
D.1.2.2	55	2	E.1.2.3	70	1
B.1.2.1	56	1	A.1.2.3	70	2
A.4.2.1	56	2	E.3.2.1	70	3
B.3.2.1	57	1	A.1.2.2	71	1
D.1.1.2	57	2	A.4.2.1	71	2
C.3.2.2	57	3	D.2.2.1	71	3
A.1.1.3	58	1	A.3.2.2	72	1
E.1.2.1	58	2	A.3.2.2	72	2
A.3.2.3	59	1	D.2.2.1	72	3
A.1.2.4	59	2	B.4.2.2	73	1
D.1.2.2	60	1	A.3.2.1	73	2
C.1.2.1	60	2	C.3.2.1	74	1
C.1.2.1	61	1	A.3.2.2	75	1
A.3.2.3	61	2	C.3.1.2	75	2
A.3.2.3	61	3	D.1.2.1	75	3
D.1.2.2	62	1	A.4.2.1	76	1
D.1.2.1	62	2	A.1.2.4	76	2
A.1.2.2	63	1	D.1.2.1	76	3
D.2.2.1	63	2	C.3.2.1	77	1
A.4.2.1	64	1	D.1.1.2	77	2
E.1.2.1	64	2	A.3.2.3	78	1
C.2.2.1	65	1	E.1.2.1	78	2
B.1.1.1	65	2	D.1.2.1	78	3
A.1.2.3	66	1	C.1.2.1	79	1
A.3.2.2	66	2	A.1.2.4	79	2

Third Grade Mathematics Dailies Correlations

BENCHMARK	DAY	ITEM	BENCHMARK	DAY	ITEM
A.3.2.1	79	3	E.1.2.3	94	2
A.4.1.1	80	1	B.2.1.1	95	1
C.3.2.1	80	2	C.1.2.1	95	2
C.3.2.2	81	1	C.2.2.2	96	1
A.3.2.1	81	2	D.2.2.2	96	2
A.4.2.1	81	3	D.2.2.2	96	3
A.1.2.3	82	1	B.1.2.2	97	1
D.1.2.1	82	2	A.4.2.1	97	2
E.1.2.1	83	1	E.1.2.1	98	1
D.2.2.1	84	1	A.3.2.1	98	2
A.1.2.2	84	2	D.2.2.2	98	3
A.1.2.2	84	3	D.1.2.2	99	1
A.3.2.2	85	1	A.4.2.1	99	2
E.2.2.1	85	2	C.2.2.2	100	1
D.1.2.1	86	1	A.1.2.4	100	2
A.3.2.3	86	2	E.1.2.1	101	1
A.1.2.3	87	1	A.4.2.1	101	2
D.1.2.1	87	2	D.2.2.2	102	1
A.2.2.1	87	3	A.3.2.3	102	2
A.5.2.1	88	1	A.5.2.1	103	1
D.1.2.2	88	2	E.1.2.2	103	2
E.2.2.2	89	1	A.3.2.3	103	3
A.1.2.4	89	2	E.1.2.1	104	1
A.4.2.1	90	1	D.2.2.2	105	1
D.1.2.1	90	2	A.3.2.2	105	2
E.1.2.2	90	3	A.3.2.3	105	3
D.1.2.2	91	1	A.3.2.3	106	1
A.2.2.1	91	2	A.3.2.1	106	2
A.3.2.2	92	1	C.2.2.2	106	3
C.1.2.1	92	2	D.1.2.2	107	1
D.1.2.1	93	1	E.2.2.2	107	2
C.3.1.1	93	2	B.1.2.2	108	1
A.3.2.2	94	1	A.1.2.3	108	2

Third Grade Mathematics Dailies Correlations

BENCHMARK	DAY	ITEM	BENCHMARK	DAY	ITEM
D.1.2.2	109	1	E.3.2.1	123	3
A.1.2.3	109	2	D.2.2.2	124	1
B.1.2.2	109	3	B.2.2.2	124	2
B.3.2.1	110	1	A.3.1.3	124	3
E.2.2.1	110	2	A.3.2.3	125	1
D.2.2.1	111	1	D.1.2.2	125	2
A.3.2.3	111	2	E.2.2.2	126	1
C.2.2.1	111	3	E.2.2.2	127	1
A.3.2.3	112	1	A.3.2.3	127	2
B.2.2.1	112	2	B.2.2.1	127	3
A.3.2.3	112	3	B.3.2.1	128	1
C.3.2.1	114	1	D.1.2.2	128	2
A.1.2.3	114	2	E.3.2.2	129	1
E.2.2.2	115	1	B.1.2.2	129	2
A.1.2.3	115	2	B.1.2.2	130	1
D.1.2.2	115	3	E.2.2.2	130	2
E.2.2.1	116	1	B.1.2.2	131	1
A.3.2.1	116	2	D.1.2.1	131	2
C.3.2.2	117	1	B.1.2.2	132	1
A.3.2.3	117	2	E.1.2.3	132	2
B.2.2.2	118	1	A.1.2.4	133	1
A.1.2.3	118	2	B.4.2.2	133	2
D.1.2.2	118	3	A.3.2.1	133	3
B.2.2.1	119	1	D.1.2.2	134	1
B.4.2.2	119	2	A.4.2.1	134	2
A.3.2.2	119	3	A.2.2.1	135	1
B.2.2.2	120	1	E.3.2.1	136	1
B.1.2.1	120	2	E.3.2.1	136	2
A.4.2.1	121	1	E.3.2.1	136	3
C.3.2.1	122	1	D.2.2.2	137	1
A.1.2.3	122	2	E.1.2.3	137	2
A.3.2.3	123	1	C.2.2.1	138	1
A.3.1.3	123	2	A.1.1.3	138	2

Third Grade Mathematics Dailies Correlations

BENCHMARK	DAY	ITEM	BENCHMARK	DAY	ITEM
A.4.2.1	139	1	B.1.1.1	151	4
B.1.2.2	139	2	A.3.2.3	152	1
C.1.2.1	140	1	B.3.2.1	153	1
D.1.2.2	140	2	B.3.2.1	153	1
A.2.1.1	140	3	A.3.2.2	153	2
E.2.2.2	141	1	A.3.1.2	153	3
C.2.2.1	141	2	A.5.1.1	154	1
C.1.2.1	142	1	A.1.1.1	154	2
A.1.2.1	143	1	C.1.2.1	154	3
A.3.1.2	143	2	C.1.2.1	155	1
D.1.2.2	143	3	E.1.2.1	155	2
A.3.2.2	144	1	B.1.1.1	156	1
B.3.2.1	144	2	A.3.2.3	156	2
A.3.2.2	144	3	E.1.2.3	156	3
A.1.2.1	145	1	A.1.2.4	157	1
A.3.1.3	145	2	A.3.2.3	157	2
A.3.1.3	145	3	E.1.2.1	157	3
E.1.2.1	146	1	A.1.2.1	158	1
C.2.2.2	147	1	B.1.2.2	158	2
A.3.2.1	147	2	E.1.2.2	158	3
B.3.2.1	147	3	A.3.2.1	159	1
A.3.2.3	148	1	C.2.2.1	159	2
A.2.1.2	148	2	C.1.2.1	160	1
A.3.2.2	148	3	B.1.2.2	160	2
A.3.2.1	149	1	C.2.2.1	160	3
B.3.2.1	149	2	C.2.2.1	161	1
B.1.2.2	149	3	A.3.2.2	161	2
C.1.2.1	150	1	A.3.2.2	162	1
B.3.2.1	150	2	B.3.2.1	162	2
D. 1.2.2	150	3	C.3.2.1	162	3
A.5.1.1	151	1	A.3.2.3	163	1
A.3.1.2	151	2	B.3.1.1	163	2
A.3.2.3	151	3	E.1.2.3	163	3

Third Grade Mathematics Dailies Correlations

BENCHMARK	DAY	ITEM	BENCHMARK	DAY	ITEM
A.3.2.3	164	1	A.2.2.1	176	1
C.2.2.1	164	2	A.3.2.3	176	2
E.2.2.2	164	3	A.1.2.4	176	3
B.2.2.2	165	1	A.1.2.3	177	1
A.3.2.2	165	2	A.3.2.3	177	2
A.3.2.3	165	3	E.3.2.1	177	3
A.3.2.2	166	1	A.1.2.4	178	1
D.1.2.2	167	1	A.1.2.2	178	2
A.3.2.3	167	2	A.1.2.2	178	3
A.4.2.1	167	3	C.1.2.1	179	1
A.3.2.2	167	4	C.1.2.1	179	2
B.2.2.2	167	5	A.3.2.2	179	3
A.3.2.2	168	1	A.1.2.3	179	4
A.3.2.2	168	2	C.1.2.1	180	1
A.3.1.3	169	1	C.1.2.1	180	2
A.1.1.2	169	2	A.1.2.3	180	3
A.3.1.2	169	3	A.1.2.3	180	4
A.4.2.1	170	1			
D.1.2.2	170	2	D.1.2.1	113	1
B.1.2.2	171	1	E.2.2.2	113	2
B.1.2.1	171	2	E.1.2.1	177	3
A.3.2.2	172	1			
A.3.2.2	172	2			
B.3.2.1	172	3			
A.3.2.3	173	1			
B.4.2.2	173	2			
A.3.2.3	173	3			
A.1.2.3	174	1			
B.3.2.1	174	2			
A.1.2.2	174	3			
A.3.2.3	175	1			
A.3.2.1	175	2			
E.2.2.2	175	3			